**3GPP TSG-SA5 Meeting #155 *S5-243333***

Jeju, South Korea, 27 - 31 May 2024 Revision of S5-242530

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *CR-Form-v12.1* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **28.105** | **CR** | **Input to draftCR** | **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)*.* | | | | | | | | |
|  | | | | | | | | |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ***Proposed change affects:*** | UICC apps |  | ME |  | Radio Access Network | **X** | Core Network | **X** |

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | | | | | | | | | |
| ***Title:*** | Rel-18 Input to DraftCR TS 28.105 updates for the definition of MLUpdateReportIOCs | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | Huawei | | | | | | | | | |
| ***Source to TSG:*** | S5 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | AIML\_MGT | | | | |  | ***Date:*** | | | 2024-05-13 |
|  |  | | | |  | |  | | |  |
| ***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:*** | | S5-241958 was agreed at the last meeting for correct the definition of IOCs considering it is unclear in describing and how the object of instance performs a process. Update the descriptions.  Correct the typos. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | Deleted the last sentence in clause 7.3a.4.2.4.1.  Correct the typos. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Consequences if not approved:*** | | It is unclear how the instance object of IOCs is executed. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | 7.3a.4.2.4.1 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **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:*** | |  | | | | | | | | |

|  |
| --- |
| **1st modified section** |

##### 7.3a.4.2.4 MLUpdateReport

###### 7.3a.4.2.4.1 Definition

This IOC represents the properties of MLUpdateReport.

- The ML update process may generate one or more MLUpdateReport(s),

- Each MLUpdateReport is associated to one or more MLEntity(s) to indicate ML entities that have been updated.

- The MLUpdateReport may indicate the achieved performance gain for the specific ML capability update, which is the gain in performance of the new capabilities compared with the original capabilities.

- MLUpdateReport provides reports about MLEntity(s) or MLUpdateProcess(s) that themselves are associated with MLEntity(s) for which update is requested and/or executed. Correspondingly, both the MLUpdateRequest(s)and the MLUpdateProcess(s) are conditionally mandatory in that at least one of them must be associated with an instance of MLUpdateReport.

The MLUpdateReport instance is created by the MnS producer automatically when creating an MLUpdateRequest instance.

When the MnS producer delete a MLUpdateRequest instance, the corresponding MLUpdateReport instance is also deleted by MnS producer automatically.

###### 7.3a.4.2.4.2 Attributes

Table 7.3a.4.2.4.2-1

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Attribute name | Support Qualifier | isReadable | isWritable | isInvariant | isNotifyable |
| updatedMLCapability | M | T | F | F | F |
| **Attributes related to Role** |  | | | | |
| mLEntityRef | M | T | F | F | F |
| mLUpdateProcessRef | M | T | F | F | F |

###### 7.3a.4.2.4.3 Attribute constraints

None.

###### 7.3a.4.2.4.4 Notifications

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

|  |
| --- |
| **End of modified sections** |