**3GPP TSG-CT WG4 Meeting #105-eC4-214xyz**

**E-Meeting, 17th – 27th August 2021 (was C4-214366)**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *CR-Form-v12.1* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **29.503** | **CR** | **0692** | **rev** | **1** | **Current version:** | **17.3.0** |  |
|  | | | | | | | | |
| *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 |  | Core Network | **X** |

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|  | | | | | | | | | | |
| ***Title:*** | EC Restriction | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | Ericsson | | | | | | | | | |
| ***Source to TSG:*** | CT4 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | eNAPIs | | | | |  | ***Date:*** | | | 2021-08-03 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | **A** |  | | | | | ***Release:*** | | | Rel-17 |
|  | *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:*** | | As it is specified in chapter 6.5.6.2.12 in 29.503, the Application Function Identifier is provided by NEF from scsAsId attribute received in ECRControl structured data type through T8 interface (see clause 5.12.2.1.2 of 3GPP TS 29.122).  However, this attribute is optional in T8 interface and might not be always included.  Therefore, in order to achieve inter-operability, the Nudm\_PP specification must specifiy how to handle this case, and how to populate the "afInstanceId" attribute, which is defined as mandatory/required. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | Specify that the "afInstanceId" attribute shall contain an empty string value when the scsAsId is not provided through T8. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Consequences if not approved:*** | | Inter-operability problems in the UDM Parameter Provision service, due to the lack of specification on how to set a mandatory parameter, so each implementation might take incompatible approaches. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | 6.5.6.2.12 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **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 introduce any changes on the OpenAPI specification files. | | | | | | | | |
|  | |  | | | | | | | | |
| ***This CR's revision history:*** | |  | | | | | | | | |

\* \* \* First Change \* \* \* \*

##### 6.5.6.2.12 Type: EcRestriction

Table 6.5.6.2.12-1: Definition of type EcRestriction

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Attribute name | Data type | P | Cardinality | Description |
| afInstanceId | string | M | 1 | The string identifying the originating AF (NOTE) |
| referenceId | ReferenceId | M | 1 | Transaction Reference ID |
| plmnEcInfos | array(PlmnEcInfo) | O | 1..N | It may indicate a complete list of serving PLMNs where Enhanced Coverage shall be allowed and the detailed enhanced coverage restriction configuration under per the PLMN. |
| mtcProviderInformation | MtcProviderInformation | O | 0..1 | Indicates MTC provider information for UE Parameter Configuration authorization. |
| NOTE: When the service operation is originated by external AF via T8/N33 interface, information carried in scsAsId attribute in ECRControl structured data type (see clause 5.12.2.1.2 of 3GPP TS 29.122 [45]) can be used as the value for this IE. If the scsAsId value is not received in T8, the afInstanceId attribute shall contain an empty string value (""). | | | | |

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