**3GPP TSG-SA5 Meeting #130-e *S5-202176rev2***

**Online, , 20th Apr 2020 - 28th Apr 2020**

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| *CR-Form-v12.0* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **32.291** | **CR** | **0226** | **rev** | **1** | **Current version:** | **16.3.0** |  |
|  | | | | | | | | |
| *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:*** | Add description on identifier for 5G RG and FN RG | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | Huawei | | | | | | | | | |
| ***Source to TSG:*** | S5 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | 5WWC | | | | |  | ***Date:*** | | | 2020-04-10 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | B |  | | | | | ***Release:*** | | | Rel-16 |
|  | *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-12 (Release 12)* *Rel-13 (Release 13) Rel-14 (Release 14) Rel-15 (Release 15) Rel-16 (Release 16)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | This contribution is to add description on SUPI for 5G RG and FN RG. | | | | | | | | |
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| ***Summary of change:*** | | Add description on SUPI for 5G RG and FN RG. | | | | | | | | |
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| ***Consequences if not approved:*** | | No description on identifers for 5WWC scenarios in TS 32.291. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | 6.1.6.2.1.1 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **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:*** | |  | | | | | | | | |

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| ***First change*** |

###### 6.1.6.2.1.1 Type ChargingDataRequest

Table 6.1.6.2.1.1-1: Definition of type ChargingDataRequest

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Attribute name | Data type | P | Cardinality | Description | Applicability |
| subscriberIdentifier | Supi | OM | 0..1 | Identifier of the subscriber that uses the requested service.  The SUPI may contain:  An IMSI as defined in clause 2.2 of TS 23.003.  The identifier of AF as decribed in TS 32.254 [14].  A network –specific identifier, used for paivate network as defined in clause 28.7.2 of TS 23.003.  A SUPI containing a Line Id and an operator identifier in form of GLI as specified in clause 28.15.2 of TS 23.003.  A SUPI containing a HFC Identifier and an operator identifier in form of GCI as specified in clause 28.16.2 of TS 23.003.  (NOTE 1) |  |
| nfConsumerIdentification | NFIdentification | M | 1 | This is a grouped field which contains a set of information identifying the NF consumer of the charging service. |  |
| invocationTimeStamp | DateTime | M | 1 | The time at which the request is send |  |
| invocationSequenceNumber | Uint32 | M | 1 | This field contains the sequence number of the charging service invocation by the NF consumer. |  |
| retransmissionIndicator | boolean | OC | 0..1 | This field indicates, if included, this is a retransmitted request message. |  |
| oneTimeEvent | boolean | OC | 0..1 | Indicates, if included, that this is event based charging and whether this is a one-time event. If true, this is a one-time event that there will be no update or release. |  |
| oneTimeEventType | EventType | OC | 0..1 | indicates the type of the one time event, i.e. Immediate or Post event charging. |  |
| notifyUri | Uri | OC | 0..1 | Identifies the recipient of Notifications sent by the CHF.  In case of session based charging it shall be present in create request message, and may be present in update. |  |
| service SpecificationInformation | String | OC | 0..1 | Identifies service specific document that applies to the request, e.g. the service specific document ('middle tier' TS) and 3GPP release the service specific document is based upon. |  |
| multipleUnitUsage | array(MultipleUnitUsage) | OC | 0..N | This field contains the parameters for the quota management request and/or usage reporting. |  |
| triggers | array(Trigger) | OC | 0..N | This field identifies the event(s) triggering the request. |  |
| NOTE 1: A SUPI containing GLI or GCI is used to support 5G-RG and FN-RG in scenarios of wireline network. | | | | | |

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| **End of change** |