**3GPP TSG-CT WG3 Meeting #130C3-234481**

**Xiamen, China, 9 - 13 October, 2023 (revision of C3-234047)**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *CR-Form-v12.2* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **29.519** | **CR** | **0446** | **rev** | **1** | **Current version:** | **16.12.0** |  |
|  | | | | | | | | |
| *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:*** | Corrections on attribute names of SM Policy Data | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | Huawei | | | | | | | | | |
| ***Source to TSG:*** | CT3 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | 5GS\_Ph1-CT | | | | |  | ***Date:*** | | | 2023-09-20 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | **A** |  | | | | | ***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-16 (Release 16) Rel-17 (Release 17) Rel-18 (Release 18) Rel-19 (Release 19)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | The "refUmdLimitIds" attribute contained in SmPolicyDnnData data type misaligns with the OpenAPI file.  The "monKeys" attribute contained in LimitIdToMonitoringKey data type misaligns with the OpenAPI file. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | This CR proposes to update the attribute names in the data model to align with the OpenAPI file. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Consequences if not approved:*** | | Errors in the specification. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | 5.4.2.15, 5.4.2.16 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **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 impact any OpenAPI file. | | | | | | | | |
|  | |  | | | | | | | | |
| ***This CR's revision history:*** | |  | | | | | | | | |

**Additional discussion(if needed):**

**Proposed changes:**

\*\*\* 1st Change \*\*\*

#### 5.4.2.15 Type SmPolicyDnnData

Table 5.4.2.15-1: Definition of type SmPolicyDnnData

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Attribute name | Data type | P | Cardinality | Description | Applicability |
| dnn | Dnn | M | 1 | DNN associated with the data |  |
| allowedServices | array(string) | O | 1..N | List of subscriber's allowed service identifiers |  |
| subscCats | array(string) | O | 1..N | List of categories associated with the subscriber |  |
| gbrUI | BitRate | O | 0..1 | Maximum aggregate UL bitrate that can be provided across all GBR QoS Flows in the DNN |  |
| gbrDl | BitRate | O | 0..1 | Maximum aggregate DL bitrate that can be provided across all GBR QoS Flows in the DNN |  |
| adcSupport | boolean | O | 0..1 | Indicates whether application detection and control can be enabled for a subscriber. The default value is "FALSE". |  |
| subscSpendingLimits | boolean | O | 0..1 | Indicates whether the PCF must enforce policies based on subscriber spending limits. The default value is "FALSE". |  |
| ipv4Index | IpIndex | O | 0..1 | Information that identifies which IP pool or external server is used to allocate the IPv4 address. |  |
| ipv6Index | IpIndex | O | 0..1 | Information that identifies which IP pool or external server is used to allocate the IPv6 address. |  |
| offline | boolean | O | 0..1 | Indicates the offline charging is applicable to the PDU session. The default value is "FALSE". |  |
| online | boolean | O | 0..1 | Indicates the online charging is applicable to the PDU session. The default value is "FALSE". |  |
| chfInfo | ChargingInformation | O | 0..1 | The address of the Charging Function |  |
| refUmDataLimitIds | map(LimitIdToMonitoringKey) | O | 1..N | A reference to the "UsageMonDataLimit" or "UsageMonData" instances for this DNN and SNSSAI that may also include the related monitoring key(s). The key of the map is the limit identifier. |  |
| mpsPriority | boolean | O | 0..1 | Indicates subscription to the MPS priority service; priority applies to all traffic on the PDU Session. The default value is "FALSE". |  |
| mcsPriority | boolean | O | 0..1 | Indicates subscription to the MCS priority service; priority applies to all traffic on the PDU Session. The default value is "FALSE". |  |
| imsSignallingPrio | boolean | O | 0..1 | Indicates subscription to the IMS signalling priority service; priority only applies to IMS signalling traffic. The default value is "FALSE". |  |
| mpsPriorityLevel | integer | O | 0..1 | Relative priority level for the multimedia priority services |  |
| mcsPriorityLevel | integer | O | 0..1 | Relative priority level for the mission critical services |  |
| praInfos | map(PresenceInfo) | O | 1..N | Presence reporting area information. Each PresenceInfo element shall include the Presence Reporting Area Identifier within the "praId" attribute and, for a UE-dedicated presence reporting area, shall also include the list of elements composing the presence reporting area.  A "praId" may indicate a Presence Reporting Area Set.  The "praId" attribute within the PresenceInfo data type shall also be the key of the map.  The attribute "presenceState" shall not be present. |  |
| bdtRefIds | map(BdtReferenceIdRm) | O | 1..N | Identifies transfer policies of background data transfer | EnhancedBackgroundDataTransfer |
| locRoutNotAllowed | boolean | O | 0..1 | Identifies whether AF influence on traffic routing is allowed or not. Set to "true" if no local routing is allowed; otherwise set to "false". The default value is "false". |  |

\*\*\* Next Change \*\*\*

#### 5.4.2.16 Type LimitIdToMonitoringKey

Table 5.4.2.16-1: Definition of type LimitIdToMonitoringKey

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Attribute name | Data type | P | Cardinality | Description | Applicability |
| limitId | string | M | 1 | Limit Identifier. |  |
| monkey | array(string) | O | 1..N | Monitoring Keys. |  |
| NOTE: In this Release of the specification there is only one Monitoring Key per Limit Identifier | | | | | |

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