**3GPP TSG-CT WG3 Meeting #135 *C3-243508***

**Hyderabad, IN, 27 - 31 May, 2024**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *CR-Form-v12.3* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **29.512** | **CR** | **1239** | **rev** | **1** | **Current version:** | **18.5.1** |  |
|  | | | | | | | | |
| *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 |  | Core Network | **X** |

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | | | | | | | | | |
| ***Title:*** | Wrong attribute names | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | Ericsson | | | | | | | | | |
| ***Source to TSG:*** | CT3 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | 5GS\_Ph1-CT | | | | |  | ***Date:*** | | | 2024-04-29 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | **A** |  | | | | | ***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-17 (Release 17) Rel-18 (Release 18) Rel-19 (Release 19) Rel-20 (Release 20)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | The attribute used to convey information about the type of PDU session is called “pduSessionType”. However, clause 4.2.2.14 wrongly use the name “pduSessiontype”.  The attribute used to convey ethernet flow information is called “ethFlowDescription”. However, clause 4.2.6.2.16 wrongly use the name “ethFlowDescripiont”. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | Clause 4.2.2.14 is updated to correct the name of the attribute that conveys PDU session type information to “pduSessionType”.  Clause 4.2.6.2.16 is updated to correct the name of the attribute used to include ethernet flow information to “ethFlowDescription”. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Consequences if not approved:*** | | Wrong attribute names may bring interoperability issues. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | 4.2.2.14; 4.2.6.2.16. | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **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 have any impact in the Npcf\_SMPolicyControl API.  To MCC/Rapporteur: this mirror CR adds one additional change in 4.2.2.14 compared to the Rel-15 CR to correct the name of an attribute that was correctly defined in Rel-15. | | | | | | | | |
|  | |  | | | | | | | | |
| ***This CR's revision history:*** | |  | | | | | | | | |

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

#### 4.2.2.14 Provisioning of IP Index Information

If the PDU session type received within the "pduSessionType" attribute is "IPV4" or "IPV6" or "IPV4V6", and no corresponding IP address/prefix is received, the PCF may include within the SmPolicyDecision data structure the IP index information within the "ipv4Index" attribute, for IPv4 address allocation, and/or the "ipv6Index" attribute, for IPv6 address allocation, based on the user's subscription information retrieved from the UDR and operator's policy.

The SMF may use this IP index information to assist in selecting how the IP address is to be allocated when multiple allocation methods or multiple instances of the same method are supported.

\* \* \* Second Change \* \* \* \*

##### 4.2.6.2.16 Number of supported packet filter for signalled QoS rule limitation support

If the PCF includes the flow information within the "flowInfos" attribute and if the number of supported packet filter for signalled QoS rules within the "numOfPackFilter" attribute is received from the SMF during the PDU session establishment, the PCF shall ensure that for all the dynamic PCC rules of a PDU session, the number of packet filters contained within the "flowDescription" attribute or the "ethFlowDescription" attribute with the "packetFilterUsage" set to true does not exceed the value of the "numOfPackFilter" attribute.

NOTE: The maximum number of packet filters sent to the UE per QoS rule is additionally limited by the access type. When the UE is camping in 5GS the number of packet filters is limited as specified in 3GPP TS 24.501[20].

If the PCF determines that there is a possibility to run into a restriction regarding the number of TFT packet filters that can be allocated for the PDU Session, interworking with N26 deployment is supported and "PackFiltAllocPrecedence" feature is supported, the PCF may behave as described in Annex B.3.2.0, B.3.3.0 and B.3.4.0.

\* \* \* End Change \* \* \* \*