**TSG-CT WG3 Meeting #111-e *C3-204085***

**E-Meeting, 19th – 28th August 2020 (Revision of C3-204xyz)**

|  |
| --- |
| *CR-Form-v12.0* |
| **CHANGE REQUEST** |
|  |
|  | **29.512** | **CR** | **0533** | **rev** | **-** | **Current version:** | **16.5.0** |  |
|  |
| *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 |  | Core Network | **X** |

|  |
| --- |
|  |
| ***Title:***  | Correction to QoS Flow usage negotiation |
|  |  |
| ***Source to WG:*** | Huawei |
| ***Source to TSG:*** | CT3 |
|  |  |
| ***Work item code:*** | 5GS\_Ph1-CT |  | ***Date:*** | 2020-08-10 |
|  |  |  |  |  |
| ***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 canbe 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)Rel-17 (Release 17)* |
|  |  |
| ***Reason for change:*** | The SMF+PGW-C can’t negotiate the bearer usage for the default bearer. |
|  |  |
| ***Summary of change:*** | The bearer usage required of the dedicated bearer is included within the "qosFlowUsage" attribute if the UE initiates a resource modification request for the Update service operation. |
|  |  |
| ***Consequences if not approved:*** | The UE can’t negotiate the bearer for the IMS signalling. |
|  |  |
| ***Clauses affected:*** | B.3.4.0 |
|  |  |
|  | **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:*** |  |

**Additional discussion(if needed):**

**…**

**Proposed changes:**

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

### B.3.4.0 General

When the established PDN connection through the EPC network is modified and SMF+PGW-C receives Modify Bearer Request, Modify Bearer or Delete Bearer Command message and if the SMF detects the policy control request trigger(s) is met or the error(s) needs to be reported or when the UE handed over from the 5GS to the EPS and the SMF detects the policy control request trigger(s) is met, the SMF+PGW-C shall behave as defined in subclause 4.2.4.2 with the differences that the SMF+PGW-C shall include (if available) in the SmPolicyUpdateContextData data structure:

- IP-CAN type within the "accessType" attribute;

- RAT type within the "ratType" attribute;

NOTE 1: See Annex B.3.4.5 for further information.

- subscribed APN-AMBR within the "subsSessAmbr" attribute;

- subscribed Default EPS bearer QoS Information within the "subsDefQos" attribute;

NOTE 2: Subscribed APN-AMBR and the QCI within the subscribed default EPS bearer QoS are mapped to subscribed Session-AMBR and 5QI as defined in Annex B.3.6.1 respectively.

- the bearer usage required for the dedicated bearer within the "qosFlowUsage" attribute if the UE initiates a resource modification request procedure and the bearer usage request was present in the Bearer Resource Command; and

- user location information of EPC within the "userLocationInfo" attribute.

NOTE 3: See Annex B.3.4.3 for further information.

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