**3GPP TSG-CT WG1 Meeting #133-eC1-21XXXX**

**E-meeting, 11-19 November 2021**

|  |
| --- |
| *CR-Form-v12.1* |
| **CHANGE REQUEST** |
|  |
|  | **24.301** | **CR** | **3634** | **rev** | **2** | **Current version:** | **17.4.1** |  |
|  |
| *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 | **X** | Radio Access Network |  | Core Network | **X** |

|  |
| --- |
|  |
| ***Title:***  | Addition to UE requested bearer resource modification procedure |
|  |  |
| ***Source to WG:*** | Lenovo, Motorola Mobility, Ericsson |
| ***Source to TSG:*** | C1 |
|  |  |
| ***Work item code:*** | ID\_UAS |  | ***Date:*** | 2021-11-11 |
|  |  |  |  |  |
| ***Category:*** | **B** |  | ***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 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-15 (Release 15)Rel-16 (Release 16)Rel-17 (Release 17)Rel-18 (Release 18)* |
|  |  |
| ***Reason for change:*** | Procedures for the EPS bearer context modification procedure and the bearer resource modification are used to transmit UAV credential to the network for the UUAA and C2 pairing authroization. |
|  |  |
| ***Summary of change:*** | Added that the EPS bearer context modification procedure and the bearer resource modification procedure can be used for UUAA and C2 pairing authroization. |
|  |  |
| ***Consequences if not approved:*** | The general section does not bring up the case where the EPS bearer context modification procedure and the bearer resource modification procedure can be used for UUAA and C2 pairing authroization. |
|  |  |
| ***Clauses affected:*** | 6.4.3.1, 6.5.4.1 |
|  |  |
|  | **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:*** |  |

>>>>>>>>>> Next change <<<<<<<<<<

#### 6.4.3.1 General

The purpose of the EPS bearer context modification procedure is to modify an EPS bearer context with a specific QoS and TFT, or re-negotiate header compression configuration associated to an EPS bearer context. The EPS bearer context modification procedure is initiated by the network, but it may also be initiated as part of the UE requested bearer resource allocation procedure or the UE requested bearer resource modification procedure.

The network may also initiate the EPS bearer context modification procedure to update the APN-AMBR of the UE, for instance after an inter-system handover. See 3GPP TS 23.401 [10] annex E.

The MME may also initiate the EPS bearer context modification procedure to update the WLAN offload indication to the UE, for instance after the MME received an updated WLAN offload indication of a PDN Connection from HSS. See 3GPP TS 23.401 [10] clause 4.3.23.

The MME may also initiate the EPS bearer context modification procedure to update information required for inter-system change from S1 mode to N1 mode (e.g. session-AMBR, QoS rule(s)). See 3GPP TS 24.501 [54].

The network may initiate the EPS bearer context modification procedure together with the completion of the service request procedure.

The MME may initiate the EPS bearer context modification procedure to initiate the procedure for the UUAA-SM for the UAS services.

>>>>>>>>>> Next change <<<<<<<<<<

#### 6.5.4.1 General

The purpose of the UE requested bearer resource modification procedure is for a UE to:

a) request a modification;

b) release of bearer resources for a traffic flow aggregate;

c) modify a traffic flow aggregate by replacing packet filters or adding packet filters;

d) re-negotiate header compression configuration associated to an EPS bearer context;

e) indicate a change of 3GPP PS data off UE status for a PDN connection; or

f) transmit information for the C2 authorization for the UAS services.

When requesting a modification of bearer resources for a traffic flow aggregate or a modification of a traffic flow aggregate, the UE can modify the existing GBR. If accepted by the network, this procedure invokes a dedicated EPS bearer context activation procedure (see clause 6.4.2), an EPS bearer context modification procedure (see clause 6.4.3), or an EPS bearer context deactivation procedure (see clause 6.4.4).

If there is a PDN connection for emergency bearer services established, the UE shall not request a modification of bearer resources for this PDN connection.

When the UE requested bearer resource modification procedure is used to indicate a change of 3GPP PS data off UE status for a PDN connection (see clause 6.3.10), the UE shall initiate the UE requested bearer resource modification procedure even if the timer T3396 or the back-off timer is running or is deactivated.

>>>>>>>>>> End of changes <<<<<<<<<<