**3GPP TSG-CT WG1 Meeting #137-eC1-22xxxx**

**E-meeting, 18th -26th August 2022**

|  |
| --- |
| *CR-Form-v12.1* |
| **CHANGE REQUEST** |
|  |
|  | **24.501** | **CR** | **4598** | **rev** | **-** | **Current version:** | **17.7.1** |  |
|  |
| *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:***  | Correction on Service-level-AA container IEI |
|  |  |
| ***Source to WG:*** | vivo, Ericsson |
| ***Source to TSG:*** | C1 |
|  |  |
| ***Work item code:*** | ID\_UAS |  | ***Date:*** | 2022-07-01 |
|  |  |  |  |  |
| ***Category:*** | **F** |  | ***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:*** | In the current specification, the IEI of the Service-level-AA container IE in the PDU SESSION MODIFICATION REQUEST message is ‘72C’, which is a wrong IEI. The IEI ‘7C’ is a comprehension required IEI and is not suitable to apply to this IE.The C1-221555 was proposed in CT1#134e to modify the IEI of the Service-level-AA container IE from 7C to 72 in many messages, however, the PDU SESSION MODIFICATION REQUEST message is the only one left.It is strongly necessary to fix this IE error in Rel-17, otherwise the codec failure will occur in the Rel-17 AMF and the Rel-17 UE. |
|  |  |
| ***Summary of change:*** | The IEI of the Service-level-AA container IE in the PDU SESSION MODIFICATION REQUEST message is changed from ‘72C’ to ‘72’. Backward compatibility analysis:This IE is introduced into the PDU SESSION MODIFICATION REQUEST message in Rel-17. This CR is backward compatible. |
|  |  |
| ***Consequences if not approved:*** | Wrong IEI for type 6 IE in the specification. |
|  |  |
| ***Clauses affected:*** | 8.3.7.1 |
|  |  |
|  | **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:*** |  |

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

#### 8.3.7.1 Message definition

The PDU SESSION MODIFICATION REQUEST message is sent by the UE to the SMF to request a modification of a PDU session. See table 8.3.7.1.1.

Message type: PDU SESSION MODIFICATION REQUEST

Significance: dual

Direction: UE to network

Table 8.3.7.1.1: PDU SESSION MODIFICATION REQUEST message content

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| IEI | Information Element | Type/Reference | Presence | Format | Length |
|  | Extended protocol discriminator | Extended protocol discriminator9.2 | M | V | 1 |
|  | PDU session ID | PDU session identity9.4 | M | V | 1 |
|  | PTI | Procedure transaction identity9.6 | M | V | 1 |
|  | PDU SESSION MODIFICATION REQUEST message identity | Message type9.7 | M | V | 1 |
| 28 | 5GSM capability | 5GSM capability9.11.4.1 | O | TLV | 3-15 |
| 59 | 5GSM cause | 5GSM cause9.11.4.2 | O | TV | 2 |
| 55 | Maximum number of supported packet filters | Maximum number of supported packet filters9.11.4.9 | O | TV | 3 |
| B- | Always-on PDU session requested | Always-on PDU session requested9.11.4.4 | O | TV | 1 |
| 13 | Integrity protection maximum data rate | Integrity protection maximum data rate9.11.4.7 | O | TV | 3 |
| 7A | Requested QoS rules | QoS rules9.11.4.13 | O | TLV-E | 7-65538 |
| 79 | Requested QoS flow descriptions | QoS flow descriptions9.11.4.12 | O | TLV-E | 6-65538 |
| 75 | Mapped EPS bearer contexts | Mapped EPS bearer contexts9.11.4.8 | O | TLV-E | 7-65538 |
| 7B | Extended protocol configuration options | Extended protocol configuration options9.11.4.6 | O | TLV-E | 4-65538 |
| 74 | Port management information container | Port management information container9.11.4.27 | O | TLV-E | 4-65538 |
| 66 | IP header compression configuration | Header compression configuration9.11.4.24 | O | TLV | 5-257 |
| 1F | Ethernet header compression configuration | Ethernet header compression configuration9.11.4.28 | O | TLV | 3 |
| 70 | Requested MBS container | Requested MBS container9.11.4.30 | O | TLV-E | 8-65538 |
| 72 | Service-level-AA container | Service-level-AA container9.11.2.10 | O | TLV-E | 6-n |

NOTE: It is possible for UEs compliant with version 15.2.1 or earlier versions of this specification to send the Mapped EPS bearer contexts IE with IEI of value "7F" for this message.

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