**3GPP TSG-CT WG1 Meeting #133-eC1-216904**

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

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| *CR-Form-v12.1* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **24.501** | **CR** | **3790** | **rev** | **-** | **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)*.* | | | | | | | | |
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| ***Proposed change affects:*** | UICC apps |  | ME | **X** | Radio Access Network |  | Core Network | **X** |

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|  | | | | | | | | | | |
| ***Title:*** | Collision between UUAA-SM and UE requested PDU session release | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | NEC | | | | | | | | | |
| ***Source to TSG:*** | C1 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | ID\_UAS | | | | |  | ***Date:*** | | | 2021-11-4 |
|  |  | | | |  | |  | | |  |
| ***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 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-15 (Release 15) Rel-16 (Release 16) Rel-17 (Release 17) Rel-18 (Release 18)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | The NW and UE behavior in case of collision between UE requested PDU session release and Service-level authentication and authorization procedure is unknown. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | When the SMF receives a PDU SESSION RELEASE REQUEST message during the Service-level authentication and authorization procedure and the PDU session indicated in the PDU SESSION RELEASE REQUEST message is the PDU session that the SMF had requested to authenticate, the SMF shall abort the Service-level authentication and authorization procedure and proceed with the UE-requested PDU session release procedure.  When the UE receives a SERVICE-LEVEL AUTHENTICATION COMMAND message during the UE-requested PDU session release procedure, and the PDU session indicated in SERVICE-LEVEL AUTHENTICATION COMMAND message is the PDU session that the UE had requested to release, the UE shall ignore the SERVICE-LEVEL AUTHENTICATION COMMAND message and proceed with the UE-requested PDU session release procedure. | | | | | | | | |
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| ***Consequences if not approved:*** | | Collision between UUAA-SM and UE requested PDU session release is not specified | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | 6.3.1A.4, 6.3.1A.5 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **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 \* \* \* \*

#### 6.3.1A.4 Abnormal cases on the network side

The following abnormal case can be identified:

a) Collision of UE-requested PDU session release procedure and a Service-level authentication and authorization procedure.

When the SMF receives a PDU SESSION RELEASE REQUEST message during the service-level authentication and authorization procedure and the PDU session indicated in the PDU SESSION RELEASE REQUEST message is the PDU session that the SMF has requested for service-level authentication and authorization procedure, the SMF shall abort the service-level authentication and authorization procedure and proceed with the UE-requested PDU session release procedure.

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

#### 6.3.1A.5 Abnormal cases in the UE

The following abnormal case can be identified:

a) Collision of UE-requested PDU session release procedure and a service-level authentication and authorization procedure.

When the UE receives a SERVICE-LEVEL AUTHENTICATION COMMAND message during the UE-requested PDU session release procedure, and the PDU session indicated in SERVICE-LEVEL AUTHENTICATION COMMAND message is the PDU session that the UE has requested to release, the UE shall ignore the SERVICE-LEVEL AUTHENTICATION COMMAND message and proceed with the UE-requested PDU session release procedure.