**3GPP TSG-SA5 Meeting #155 *S5-242852rev1***

**Jeju, South Korea, 27 - 31 May 2024**

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

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| ***Title:***  | Rel-18 CR TS 32.255 Update scenario of clause 5.2.2.22 |
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| ***Source to WG:*** | MATRIXX Software  |
| ***Source to TSG:*** | S5 |
|  |  |
| ***Work item code:*** | NETSLICE\_CH\_Ph2 |  | ***Date:*** | 2024-05-13 |
|  |  |  |  |  |
| ***Category:*** |  |  | ***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 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)* |
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| ***Reason for change:*** | Clause 5.2.2.22 describes a scenario of UE PDU session charging based on Business converged charging. In this scenario, charging information are exchanged between the C-CHF and the B-CHF for the purpose of UE PDU session charging. However using Charging Data Request/Response between the C-CHF and the B-CHF implies additional charging for the UE PDU session.  |
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| ***Summary of change:*** |  Remove Charging Data Request/Response between C-CHF and B-CHF in flow of Figure 5.2.2.22.2-1, and leave the exchange unspecified for this release. |
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| ***Consequences if not approved:*** | Charging UE PDU session twice. |
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| ***Clauses affected:*** | 5.2.2.22.2 |
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|  | **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:*** | Revision of S5-242852 |

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| **First change** |

##### 5.2.2.22.2 PDU session establishment

The following figure 5.2.2.22.2-1 describes a UE PDU session converged influenced by business converged charging:



Figure 5.2.2.22.2-1: UE PDU session converged Charging influenced by business charging

0ch. Business charging information obtained by B-CHF from NWDAF, MnS Producer, NSACF, which could be e.g:

- S-NSSAI service profile: e.g. "Max nb of PDU sessions", "Max nb of UEs”, "Duration of the slice"…

- S-NSSAI KPIs;

- load level.

1 to 9ch-b. PDU session establishment for individual UE per Figure 5.2.2.2.2-1.

9ch-aa. UE PDU session charging needs input from business charging

9ch-ab. C-CHF sends a request to B-CHF, and receives charging information from B-CHF.

The messages exchange between C-CHF and B-CHF for this scenario is not specified in this release of the specification.

9ch-ac. Account, Rating and reservation control for individual UE based on "business charging information" received from B-CHF.

9ch-c. C-CHF provides appropriate answer for the individual UE.

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| **End of change** |