**r3GPP TSG-SA5 Meeting #154 *S5-241621rev1***

Changsha, China, 15 - 19 April 2024

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| *CR-Form-v12.0* |
| **CHANGE REQUEST** |
|  |
|  | **28.203** | **CR** | **0002** | **rev** | **1** | **Current version:** | **18.0.0** |  |
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| *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 28.203 Clarification on the quota for the NSACF charging |
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| ***Source to WG:*** | Huawei, Ericsson LM |
| ***Source to TSG:*** | S5 |
|  |  |
| ***Work item code:*** | NETSLICE\_CH\_Ph2 |  | ***Date:*** | 2024-04-17 |
|  |  |  |  |  |
| ***Category:*** | **F** |  | ***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 o. | *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)* |
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| ***Reason for change:*** | There is an ambiguity on the meaning of granted allocated unit in the context of NSACF charging, whether the granted allocated unit is the replacement of the existing value, or is an addition to the existing value.  |
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| ***Summary of change:*** | Clarify the meaning of allocated unit.  |
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| ***Consequences if not approved:*** | The NSACF charging mechanism is not complete.  |
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| ***Clauses affected:*** | 5.2.1.3 |
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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  |
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| ***Other comments:*** |  |
|  |  |
| ***This CR's revision history:*** |  |

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| **First change** |

#### 5.2.1.3 Quota management

The quota management functionality is supported in Network Slice Admission Control converged charging, to allow controlling fluctuating number of simultaneous UEs and/or PDU sessions per S-NSSAI does not exceed CCS allocated numbers. There is a difference between quota that can be consumed in a cumulative manner e.g., seconds, bytes, and quota that can be used temporarily like allocated simultaneous UEs and PDU sessions per S-NSSAI for NSACF charging. The quota that can be consumed in a cumulative manner is requested as requested unit, reported as used unit and granted as granted unit. The quota that can be used in a temporary manner is requested as allocate Unit, reported as allocated unit, and granted as allocated unit in NSACF charging. The new allocated unit override previous allowed unit in the NSACF.

The NSACF is configured with maximum numbers for simultaneous UEs and PDU sessions per S-NSSAI. The CCS can, based on internal criteria, allocate quota of number of UEs and PDU sessions based on its own maximum numbers.

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| **End of change** |