**3GPP TSG-RAN WG3 Meeting #123 *R3-240913***

**Athens, GR, 26 Feb – 01 Mar, 2024**

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| *CR-Form-v12.2* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **38.423** | **CR** | **1203** | **rev** | **1** | **Current version:** | **18.0.0** |  |
|  | | | | | | | | |
| *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 | **x** | Core Network |  |

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| ***Title:*** | Correction on oversize DL SDT data arrival | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | Huawei, ZTE | | | | | | | | | |
| ***Source to TSG:*** | R3 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | NR\_MT\_SDT-Core | | | | |  | ***Date:*** | | | 2024-02-28 |
|  |  | | | |  | |  | | |  |
| ***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 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-16 (Release 16) Rel-17 (Release 17) Rel-18 (Release 18) Rel-19 (Release 19)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | After bearer context suspension, if there are oversize DL SDT data arrival at the last serving gNB, the last serving gNB has to provide MT-SDT Data Size, and it is unclear how to provide data size in case it is larger than 96000 bytes. Based on the discussion, it is agreed that if the total data size exceeds 96000, the value is set to 96000. | | | | | | | | |
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| ***Summary of change:*** | | Clarify in Semantics Description that if the total data size exceeds 96000, the value is set to 96000. | | | | | | | | |
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| ***Consequences if not approved:*** | | In case oversize DL SDT data arrival at the last serving gNB, the last serving gNB is not able to provide proper MT-SDT Data Size to the receiving gNB. | | | | | | | | |
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| ***Clauses affected:*** | | 9.2.3.172 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **Y** | **N** |  | | | |  | | |
| ***Other specs*** | | **x** |  | Other core specifications | | | | TS 37.483 CR 0102 | | |
| ***affected:*** | |  | **x** | Test specifications | | | | TS/TR ... CR ... | | |
| ***(show related CRs)*** | |  | **x** | O&M Specifications | | | | TS/TR ... CR ... | | |
|  | |  | | | | | | | | |
| ***Other comments:*** | |  | | | | | | | | |
|  | |  | | | | | | | | |
| ***This CR's revision history:*** | | Rev0: R3-240653 | | | | | | | | |

***-------------Start of the Change---------------***

#### 9.2.3.172 MT-SDT Information

This IE provides the assistance information for MT-SDT.

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| --- | --- | --- | --- | --- |
| IE/Group Name | Presence | Range | IE Type and Reference | Semantics Description |
| MT-SDT Indicator | M |  | ENUMERATED (true, ...) |  |
| MT-SDT Data Size | M |  | INTEGER (1..96000, ...) | Indicates the total data size for DL NAS signalling and user plane data for all SDT bearers. Unit: byte.  Corresponds to the PDCP SDU size for the DL NAS signalling and the SDAP SDU size for the received DL user plane data. If the total data size exceeds 96000, the value is set to 96000. |

***-------------End of the Change---------------***