**3GPP TSG-SA4 Meeting #125 *S4-23xxxx***

**Goteborg, Sweden, 21st Aug 2023 - 25th Aug 2023 (revision of S4-231167)**

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| *CR-Form-v12.2* |
| **CHANGE REQUEST** |
|  |
|  | **26.531** | **CR** | **0007** | **rev** | **1** | **Current version:** | **17.2.0** |  |
|  |
| *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 | **x** | Radio Access Network |  | Core Network |  |

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| ***Title:***  | [TEI18, ADAE, EVEX] UE Application instructing DDCC for immediate data report delivery |
|  |  |
| ***Source to WG:*** | Samsung |
| ***Source to TSG:*** | SA4 |
|  |  |
| ***Work item code:*** | TEI18, ADAE, EVEX |  | ***Date:*** | 2023-08-01 |
|  |  |  |  |  |
| ***Category:*** | **B** |  | ***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-16 (Release 16)Rel-17 (Release 17)Rel-18 (Release 18)Rel-19 (Release 19)* |
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| ***Reason for change:*** | During discussion with SA6 (in LS Reply: S4-231109), following was identified:“The UE Application can send a report to the Direct Data Collection Client using the reportUeData method defined by TS 26.532 at reference point R7 (the UE client API). At present, this method does not specify a means to instruct the Direct Data Collection Client to override its configuration and send a UE data report immediately. However, SA4 believes that this API method could straightforwardly be enhanced to specify a parameter (e.g. expedite) that instructs the Direct Data Collection Client to prioritise immediate delivery of a UE data report to the Data Collection AF.Furthermore, SA4 believes that the DataReport container type specified in TS 26.532 could be enhanced to include an expedited flag that instructs the Data Collection AF to prioritise the processing of the UE data report and exposure of the resulting event to downstream subscribers, such as the Application Service Provider's Event Consumer AF.To this purpose, SA4 welcomes Release 18 co-ordination Change Requests to TS 26.531 and TS 26.532 from interested Individual Members at its forthcoming meetings, appropriately tagged with SA6 Work Item codes.” |
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| ***Summary of change:*** | The changes enhance the procedures for reporting to the Data Collection AF (clause 5.5) to enable UE application to instruct the Direct Data Collection Client to prioritise immediate delivery of a UE data report to the Data Collection AF. |
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| ***Consequences if not approved:*** | SA6 provided requirements will not be specified in Rel-18. |
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| ***Clauses affected:*** | 5.5 |
|  |  |
|  | **Y** | **N** |  |  |
| ***Other specs*** |  |  |  Other core specifications  | TS/TR ... CR ...  |
| ***affected:*** |  |  |  Test specifications | TS/TR ... CR ...  |
| ***(show related CRs)*** |  |  |  O&M Specifications | TS/TR ... CR ...  |
|  |  |
| ***Other comments:*** |  |
|  |  |
| ***This CR's revision history:*** |  |

FIRST CHANGE

## 5.5 Procedures for reporting to the Data Collection AF



Figure 5.5‑1: High-level procedures for data reporting and exposure phase

The different data collection clients proceed as follows:

13. If present in the instantiation, the UE Application reports data to the Direct Data Collection Client according to the configuration provided in step 10 for inclusion in a data report. The UE application may instruct the Direct Data Collection Client to prioritise immediate delivery of a UE data report to the Data Collection AF.

14. The Direct Data Collection Client may submit a data report to the Data Collection AF via reference point R2 by invoking the Ndcaf\_DataReporting service defined in the present document and specified in TS 26.532 [7]. The Direct Data Collection Client may indicate that the data report includes UE data requiring expedited processing by the Data Collection AF.

15. The UE Application may send application-specific data reporting to the Application Service Provider...

16. ...and the Indirect Data Collection Client may, as a result, submit a data report to the Data Collection AF by invoking the Ndcaf\_DataReporting service defined in the present document and specified in TS 26.532 [7].

17. The AS may submit a data report to the Data Collection AF by invoking the Ndcaf\_DataReporting service defined in the present document and specified in TS 26.532 [7].

END OF CHANGES