**3GPP TSG-SA WG4 Meeting #126S4-231643**

**Chicago, USA, 13 – 17 November 2023**

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| *CR-Form-v12.2* |
| **CHANGE REQUEST** |
|  |
|  | **26.531** | **CR** | **0008** | **rev** | **-** | **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 | **x** | Radio Access Network |  | Core Network | **x** |

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| ***Title:***  | Clarification on data reporting methods |
|  |  |
| ***Source to WG:*** | Samsung |
| ***Source to TSG:*** | SA4 |
|  |  |
| ***Work item code:*** | TEI18, ADAES,  |  | ***Date:*** | 2023-11-03 |
|  |  |  |  |  |
| ***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 [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:*** | As per clause 5.5, both direct and indirect data reporting methods are specified. However, it is not clear whether ASP needs to suppor both or anyone. It is not possible for all devices to support DDCC (for example, sensors with low processing capabilities) and so ASP may collect the data from UE over R8 interface using its own mechanism (which is outside scope of 3GPP SA4) and then report the data to the DCAF. So, ASP needs to support both types of data reporting methods. |
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| ***Summary of change:*** | Added a NOTE in clause 5.5 to clarify that both type of data reporting needs to be supported by ASP. |
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| ***Consequences if not approved:*** | Specifiction is being used by othre working groups and it will remain unclear as to why indirect data reporting method is required to be supported by ASP. |
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| ***Clauses affected:*** | 5.5 |
|  |  |
|  | **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

## 5.5 Procedures for reporting to the Data Collection AF

As specified in clause 6.2.8.2.1 of TS 23.288 [4], both the direct reporting procedure and indirect reporting procedure are required to be supported. The indirect reporting procedure may be used when a Direct Data Collection Client is not available in the UE or when the Indirect Data Collection Client needs to modify the collected UE data to satisfy the requirements of its data collection and reporting configuration.



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