**3GPP TSG-SA3 Meeting #116 *draft\_S3-242466-r2***

Jeju, South Korea, 20th - 24th May 2024 revision of S3-242128+S3-242097

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

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| ***Title:*** |  | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | Xiaomi, OPPO | | | | | | | | | |
| ***Source to TSG:*** | S3 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | \_Sec | | | | |  | ***Date:*** | | | 2024-05-13 |
|  |  | | | |  | |  | | |  |
| ***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-15 (Release 15) Rel-16 (Release 16) Rel-17 (Release 17) Rel-18 (Release 18)* | |
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| ***Reason for change:*** | | The authorization procedure for service exposure to the Client UE sepcified in clause 6.3.6.3 of TS 33.533 covers two authorization phases. The first phase is to authorze the Client UE for service access, which is performed during PC5 link establishment. The next phase is to check UE privacy after PC5 link establishment with successful service access authorization. These two phases need to be elaborated in a clearer manner to avoid misunderstanding in other WGs (e.g. SA2). Hence, it is proposed to update the current description in 6.3.6.3 accordingly. | | | | | | | | |
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| ***Summary of change:*** | | Updated the current description in 6.3.6.3 to elaborate the different phases of authorization for service exposure to the Client UE. | | | | | | | | |
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| ***Consequences if not approved:*** | | Unclear description on the authorization procedure for service exposure to the Client UE in clause 6.3.6.3 has led to some misunderstanding in other WGs. | | | | | | | | |
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| ***Clauses affected:*** | | 6.3.6.3 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **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:*** | |  | | | | | | | | |

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Start of the Change \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

#### 6.3.6.3 Authorization procedure for Ranging/SL positioning service exposure through PC5

For Ranging/SL Positioning service exposure through PC5 (i.e. clause 6.7.1.1 of TS 23.586 [2]), the SL Positioning Client UE authorization is triggered by the Reference/Target UE during PC5 link establishment. The authorization for service access can be performed by the network via the SLPKMF for ProSe capable UEs according to clause 6.4.3.3 or by the Reference/Target UE if the authorization information is available in the UE.

If the Client UE is not authorized to access Ranging/SL Positioning service, the PC5 link between the Client UE and the Reference/Target UE shall not be established.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* End of the Change \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*