**3GPP TSG-SA3 Meeting #116 *draft\_S3-242467-r1***

Jeju, South Korea, 20th - 24th May 2024 revision S3-242129

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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 |  |

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| ***Title:*** |  | | | | | | | | | |
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| ***Source to WG:*** | Xiaomi | | | | | | | | | |
| ***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)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | The procedure of UE privacy verification for UE-only operation defined in clause 6.3.7 of TS 33.533 can be used for more operations than UE-only operation between two UEs, e.g. for service exposure to the Client UE, for UE-only operation between n UEs. The current description on exposure to peer UE is no longer accurate. It is possible that the UE receiving privacy check request needs to check the permission of location exposure to more than one (the peer) UE. CT1 has approved at CT1#148 new supplementary RSPP signalling messages for SL positioning privacy check in C1-242785 and the info of more than one UE can be included in the message. Hence it is proposed to update the current word of peer UE.  In addtionally, the current procedure of UE privacy verification for UE-only operation only defines the successful case. However, when the local privacy verification information disallows location exposure or when the UE does not have local privacy verification information, the failure case also needs to be handled by the UE properly. Hence it is proposed to add the description about failure case handling for completion. | | | | | | | | |
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| ***Summary of change:*** | | Updated the current word of peer UE in 6.3.7 to accommodate the cases where more than one (the peer) UE needs to be checked for location exposure by the UE receiving privacy check request via supplementary RSPP signalling message.  Added additional text for failure case handled by the UE receiving privacy check request via supplementary RSPP signalling message. | | | | | | | | |
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| ***Consequences if not approved:*** | | Inaccurate and incomplete description on privacy check used for various operations. | | | | | | | | |
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| ***Clauses affected:*** | | 6.3.7 | | | | | | | | |
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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 ... | | |
|  | |  | | | | | | | | |
| ***Other comments:*** | |  | | | | | | | | |
|  | |  | | | | | | | | |
| ***This CR's revision history:*** | |  | | | | | | | | |

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

### 6.3.7 Procedure of UE privacy verification for UE-only operation

For UE-only Operation in which the network is not involved in Ranging/Sidelink positioning, the authorization for UE privacy is based on the local configured privacy verification information to determine whether its location related information can be exposed to the UE(s) indicated in the supplementary RSPP signalling message. If the privacy verification information allows location exposure, the UE (e.g. Located UE) accepts the request to expose its location related information and proceeds. If the UE has no local privacy verification information or the privacy verification information disallows location exposure, the UE shall return privacy check reject message.

To enable privacy check of exposure to a SL Positioning Client UE via the peer UE, the peer UE shall include the user info ID of the SL Positioning Client UE in the supplementary RSPP signalling message to the UE from which the location information or related results are to be exposed.

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