**3GPP TSG-SA WG6 Meeting #42-bis-e S6-211030**

**e-meeting, 12th – 20th April 2021 (revision of S6-210916)**

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| *CR-Form-v12.1* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **23.434** | **CR** | **0058** | **rev** | **1** | **Current version:** | **17.1.0** |  |
|  | | | | | | | | |
| *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:*** | Requirements for Location management service | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | Huawei, Hisilicon | | | | | | | | | |
| ***Source to TSG:*** | S6 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | eSEAL | | | | |  | ***Date:*** | | | 2021-04-05 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | **B** |  | | | | | ***Release:*** | | | Rel-17 |
|  | *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:*** | | Based on new feature introduced in LMS in clause 9.3.10, the architectural requirements are to be updated. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | Added the requirement. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Consequences if not approved:*** | | Architectural requirement for new feature will be missing. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | 4.3.2 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **Y** | **N** |  | | | |  | | |
| ***Other specs*** | |  | **N** | Other core specifications | | | | TS/TR ... CR ... | | |
| ***affected:*** | |  | **N** | Test specifications | | | | TS/TR ... CR ... | | |
| ***(show related CRs)*** | |  | **N** | O&M Specifications | | | | TS/TR ... CR ... | | |
|  | |  | | | | | | | | |
| ***Other comments:*** | |  | | | | | | | | |
|  | |  | | | | | | | | |
| ***This CR's revision history:*** | |  | | | | | | | | |

\* \* \* First Change \* \* \* \*

### 4.3.2 Requirements

[AR-4.3.2-a] The SEAL shall enable sharing location data between client and server for vertical applications usage.

[AR-4.3.2-b] The SEAL shall support different granularity of location data, as required by the vertical application.

[AR-4.3.2-c] The SEAL shall support requests for on-demand location reporting.

[AR-4.3.2-d] The SEAL shall support client location reporting based on triggers.

[AR-4.3.2-e] The SEAL shall enable vertical applications to receive updates to the location information.

[AR-4.3.2-f] The SEAL shall enable sharing the network location information obtained from the 3GPP network systems to the vertical applications.

[AR-4.3.2-g] The SEAL shall provide a mechanism to enable vertical applications to obtain a list of UE(s), and the location information of each UE, in the proximity to a designated/requested location.