**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 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-15 (Release 15)Rel-16 (Release 16)Rel-17 (Release 17)Rel-18 (Release 18)* |
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| ***Reason for change:*** | Based on new feature introduced in LMS in clause 9.3.10, the architectural requirements are to be updated. |
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| ***Summary of change:*** | Added the requirement. |
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| ***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.