**3GPP TSG-SA WG6 Meeting #50-e S6-222248**

**e-meeting, 22nd – 31st August 2022 (revision of S6-22xxxx)**

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| *CR-Form-v12.2* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **23.434** | **CR** | **0117** | **rev** | - | **Current version:** | **18.1.0** |  |
|  | | | | | | | | |
| *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:*** | Update the requirement to support 5MBS | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | S6 | | | | | | | | | |
| ***Source to TSG:*** | Huawei, Hisilicon | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | eSEAL | | | | |  | ***Date:*** | | | 2022.08.08 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | B |  | | | | | ***Release:*** | | | R18 |
|  | *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-16 (Release 16) Rel-17 (Release 17) Rel-18 (Release 18) Rel-19 (Release 19)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | One-to-many transmission is an important requirements for many verticals, like V2X. In 5G, the MBS is designed and completed in R17 to support the one-to-many transmission at the network layer. However, the 5G MBS is not supported by the SEAL to facilitate the verticals to take advantage of this feature. | | | | | | | | |
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| ***Summary of change:*** | | Update the network resource management requirements to support 5G MBS | | | | | | | | |
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| ***Consequences if not approved:*** | | The verticals can not use 5G MBS via SEAL. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | 4.8.2 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **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 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/

### 4.8.2 Requirements

[AR-4.8.2-a] The SEAL shall enable support for unicast bearer/PDU session establishment and modification to support service KPIs for VAL communications.

[AR-4.8.2-b] The SEAL shall enable support for broadcast bearer/MBS session (multicast or broadcast) establishment and modification to support service KPIs for VAL communications.

[AR-4.8.2-c] The SEAL shall support announcement of broadcast bearers/MBS session(multicast or broadcast) to the UEs.

[AR-4.8.2-d] The SEAL shall support switching of between unicast bearer/PDU session and broadcast bearer/MBS session (multicast or broadcast).

[AR-4.8.2-e] The SEAL shall support broadcast bearer/MBS session (multicast or broadcast) quality detection.

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