**3GPP TSG-SA3 Meeting #110Ad-Hoc-e *S3-23xxxx***

**Electronic meeting, Online, 17 - 21 April 2023** (revision of S3-yyxxxx)

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| *CR-Form-v12.1* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **33.434** | **CR** | **draft** | **rev** | **<Rev#>** | **Current version:** | **17.3.0** |  |
|  | | | | | | | | |
| *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 |  | Radio Access Network |  | Core Network |  |

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| ***Title:*** | [draftCR] Living document for SEAL security for network domain interfaces | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | Samsung | | | | | | | | | |
| ***Source to TSG:*** | S3 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | SEAL\_Ph3 | | | | |  | ***Date:*** | | | 2023-03-27 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | **B** |  | | | | | ***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:*** | | Based on the approved WID SP-230365, SA3 needs to assess and address the security procedures or enhancements based on the work progressed in TS 23.434 “Service Enabler Architecture Layer for Verticals (SEAL); Functional architecture and information flows”. | | | | | | | | |
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| ***Summary of change:*** | | This draftCR proposes a skeleton for additional clause required (if any) to update based on the objectives proposed in SP-230365 as follows:  - Security for the network domain interfaces for inter-system switching between 5GS and EPS.  - Security for the network domain interfaces for VAL service over 5GS supporting EPS interworking.  - Security for the network domain interfaces for the multicast services offered by SEAL for EPS and 5GS. | | | | | | | | |
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| ***Consequences if not approved:*** | | SA3 specification will not be aligned to Release-18 updates from SA6. | | | | | | | | |
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| ***Clauses affected:*** | | 5.1.X (new), 5.Y (new), 5.Z (new) | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **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 Change \*\*\*

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### 5.1.X Security for the network domain interfaces in EPS

Editor's Note: This clause will be updated based on the proposed objective.

\*\*\* 2nd Change \*\*\*

## 5.Y Security for inter-system switching between 5G and LTE

Editor's Note: This clause will be updated based on the proposed objective.

## 5.Z Security for VAL services over 5GS supporting EPS interworking

Editor's Note: This clause will be updated based on the proposed objective.

\*\*\* End Change \*\*\*