**3GPP TSG-SA3 Meeting #121 S3-251721**

Gothenburg, SWEDEN, 7-11 April 2025

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| *CR-Form-v12.1* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **33.122** | **CR** | **DRAFT**  **0085** | **rev** | **1** | **Current version:** | **19.0.0** |  |
|  | | | | | | | | |
| *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:*** | Authorization for finer level service API access | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | Nokia, Huawei | | | | | | | | | |
| ***Source to TSG:*** | S3 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | CAPIF\_Ph3\_sec | | | | |  | ***Date:*** | | | 2025-04-11 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | **B** |  | | | | | ***Release:*** | | | Rel-19 |
|  | *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:*** | | Security details for CAPIF-8 were out of scope in Rel-18 and need to be addressed in Rel-19. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | CAPIF-8 solution on finer level of granularity. | | | | | | | | |
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| ***Consequences if not approved:*** | | No security solution for CAPIF-8 on finer level of granularity. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | 6.Y | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **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:*** | | CR S3-251114 (Merger of S3-250412 and S3-250478)  History of DraftCRs  S3-251231 | | | | | | | | |

\*\*\*\*\*\*\* START OF CHANGES

## 6.Y Authorization for finer level service API access

Editor’s Note: Details to be done.

The authorization function shall support finer level authorization as specified in TS 23.222 [X]. In both RNAA and non-RNAA scenarios, finer level service API access authorization can be used to limit access to specific services and service operations.

To enable finer level service API access, the authorization request or access token request includes the requested service and service operations at the respective granularity. For RNAA, the request may also include the resource owner ID.

If the API invoker is authorized, the CCF responds to the API invoker with an access token including finer level authorization information, or an authorization code.

\*\*\*\*\*\*\* END OF CHANGES