**3GPP TSG-SA3 Meeting #120 S3-25xxxx**

Athens, Greece, 17 - 21 February 2025

|  |
| --- |
| *CR-Form-v12.1* |
| **CHANGE REQUEST** |
|  |
|  |  | **CR** | **DraftCR** | **rev** | **-** | **Current version:** | **19.1.0** |  |
|  |
| *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)*.* |
|  |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ***Proposed change affects:*** | UICC apps |  | ME |  | Radio Access Network |  | Core Network | **X** |

|  |
| --- |
|  |
| ***Title:***  | RO authorization through CAPIF-8 reference point |
|  |  |
| ***Source to WG:*** | Huawei, HiSilicon, Nokia?, Xiaomi? |
| ***Source to TSG:*** | S3 |
|  |  |
| ***Work item code:*** | CAPIF\_Ph3\_sec |  | ***Date:*** | 2025-03-31 |
|  |  |  |  |  |
| ***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 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)* |
|  |  |
| ***Reason for change:*** | This CR is to clarify RO authorization information transfered through the CAPIF-8 reference point (i.e., between the ROF and the CCF) to avoid ambiguity. This is in line with the conclusions for KI#1.2 in TR 33.700-22.  |
|  |  |
| ***Summary of change:*** | Normative text provided to clarify authorization information. |
|  |  |
| ***Consequences if not approved:*** | Mis-implementation and cause incompatibility.  |
|  |  |
| ***Clauses affected:*** | 6.5.3.B (based on approved draftCR S3-251112 in the #120 meeting) |
|  |  |
|  | **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 \* \* \* \*

#### 6.5.3.B Resource owner authorization management

Editor’s Note: This clause will be updated to capture the security procedures for resource owner authorization management

For the authorization code (or the optional PKCE) flow, the procedure and profiles are specified in clause 6.5.3.3. Furthermore, the authorization request sent through the CAPIF-8 includes the API invoker ID, i.e. the client ID as in RFC 6749 [4], clause 4.1. The authorization response sent through the CAPIF-8 includes the authorization code for the API invoker to obtain the access token from the CCF.

\* \* \* End of Changes \* \* \* \*