**3GPP TSG-SA3 Meeting #123 S3-252939-r3**

Goteborg, Sweden, 25 – 29 August 2025

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| *CR-Form-v12.1* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
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|  | **33.122** | **CR** | **0112** | **rev** | **1** | **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)*.* | | | | | | | | |
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| ***Proposed change affects:*** | UICC apps |  | ME |  | Radio Access Network |  | Core Network | **x** |

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| ***Title:*** | Corrections in clause 6.5.3.4 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | Huawei, HiSilicon, Xiaomi, Nokia | | | | | | | | | |
| ***Source to TSG:*** | S3 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | CAPIF\_Ph3\_sec | | | | |  | ***Date:*** | | | 2025-08-18 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | **F** |  | | | | | ***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)* | |
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| ***Reason for change:*** | | An EN remained in clause 6.5.3.4, i.e. “Whether purpose of data processing is needed is FFS”. The term “purpose of data processing” is not welll defined in the current release in SA3, it is proposed not to include as a parameter in the request message in TS33.122. | | | | | | | | |
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| ***Summary of change:*** | | The EN is removed. Besides, some typos are corrected. | | | | | | | | |
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| ***Consequences if not approved:*** | | May cause incorrect implementation. | | | | | | | | |
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| ***Clauses affected:*** | | 6.5.3.4 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **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:*** | | Merger of S3-252631 and S3-252862 | | | | | | | | |

\* \* \* First Change \* \* \* \*

#### 6.5.3.4 Revocation

The CCF can initiate the Authorization Revocation Request message as defined in clause 8.23.4 of TS 23.222 [3] with additional information to identify the RNAA-related revoked token.

NOTE: The CCF can receive a revocation request message from the resource owner via the UE, resource owner function, web page etc.

The AEF, storing the information about the RNAA-related revoked token, shall check whether the token presented by an API invoker is revoked or not, before responding to the API invoker’s invocation request.

The CCF provided notification message to the API invoker shall include the information to identify the RNAA-related revoked token.

The procedure illustrated in Figure 6.5.3.4-1 and explained below can be used for revoking RNAA-related token in RNAA scenarios.

Pre-conditions:

1. The API invoker is authenticated and authorized to use the service API.



Figure 6.5.3.4-1: Procedure for revoking resource owner authorization

0. The CCF and the ROF shall establish TLS sessions over the CAPIF-8 reference point as specified in clause 6.11.

1. Triggered by the resource owner, the resource owner function sends a resource owner authorization revocation request to the CCF.

The resource owner authorization revocation information in the request message shall include the API invoker information (where the API invoker may be either an application on a server, or an application on a UE as specified in TS 23.222 [3]) and information related to service API (e.g., service operation information, service information).

The request may include Resource Owner ID (e.g., GPSI), resource information and application identifier. The request may include other information specified in TS 23.222 [3].

Editor’s Note: Whether purpose of data processing is needed is FFS.

2. The CCF determines the information of the resource owner ID, API invoker ID and the service API in the scope of the token based on the received resource owner authorization revocation information to identify the RNAA-related token to be revoked.

3. The CCF sends the Revoke resource authorization request message to the AEF as defined in clause 8.35 of TS 23.222 [3] with information in RNAA-related token (e.g., token itself or token id) to identify the RNAA-related revoked token.

4. The AEF, storing the information about the RNAA-related revoked token, checks whether the token presented by an API invoker is revoked or not, before responding to the API invoker’s invocation request.

NOTE: The need of updating the resource due to the token revocation and how to do it if resource update is needed are not in the scope of the present document.

5-7. Steps 5-7 are the same as the steps 4-6 in clause 8.23.4 of TS 23.222 [3].

8. The CCF sends a resource owner authorization revocation response as an acknowledgement to the ROF that the resource owner authorization has been revoked.

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