**3GPP TSG-SA3 Meeting #123 draft\_S3-252949-r1**

**Goteborg, Sweden, 25 - 29 August 2025**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *CR-Form-v12.1* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  |  | **CR** | **2171** | **rev** | 1 | **Current version:** |  |  |
|  | | | | | | | | |
| *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:*** | Modification on the description of Nnrf\_AccessToken\_RetrieveKey Service Operation | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | Huawei, HiSilicon | | | | | | | | | |
| ***Source to TSG:*** | S3 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | SBA\_KDATV-SEC | | | | |  | ***Date:*** | | | 2025-08-25 |
|  |  | | | |  | |  | | |  |
| ***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)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | It should be NF Service Producer instead of NF Service Consumer to request NRF to provide the key. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | Replacing “NF Service Consumer” with “NF Service Producer”. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Consequences if not approved:*** | | Wrong description of Nnrf\_AccessToken\_RetrieveKey service operation. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | 14.3.3 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **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:*** | | S3-252787 | | | | | | | | |

\*\*\* 1st CHANGE \*\*\*

### 14.3.3 Nnrf\_AccessToken\_RetrieveKey Service Operation

**Service Operation name:** Nnrf\_AccessToken\_RetrieveKey.

**Description:** NF Service Consumer (i.e., a NF Service Producer, for which NRF issued a token) requests NRF to provide the key (raw public key or the X.509 certificate) required to validate the signature of the Access Token.

**Inputs, Required:** the NF Instance Id of the token issuer NRF, header parameter identifying the key to use to validate the signature of the access token.

**Inputs, Optional:** NF Instance Id of NF Service Consumer (i.e., the NF Service Producer, for which NRF issued the token).

**Outputs, Required:** The raw public key, the X.509 certificate or a certificate chain required to validate the signature of the access token.

**Outputs, Optional:** None.

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