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

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

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

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| ***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 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)* |
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| ***Reason for change:*** | It should be NF Service Producer instead of NF Service Consumer to request NRF to provide the key. |
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| ***Summary of change:*** | Replacing “NF Service Consumer” with “NF Service Producer”. |
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| ***Consequences if not approved:*** | Wrong description of Nnrf\_AccessToken\_RetrieveKey service operation. |
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| ***Clauses affected:*** | 14.3.3 |
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|  | **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 \*\*\*