**3GPP TSG-SA3 Meeting #107e *S3-221047***

e-meeting, 16 – 20 May 2022

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| *CR-Form-v12.1* |
| **CHANGE REQUEST** |
|  |
|  |  | **CR** | **1404** | **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 | **X** | Radio Access Network |  | Core Network | **X** |

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| ***Title:***  |  Resolving the alignment related EN for NSACF Subscription/unsubscription procedure  |
|  |  |
| ***Source to WG:*** | Xiaomi |
| ***Source to TSG:*** | S3 |
|  |  |
| ***Work item code:*** | TEI17 |  | ***Date:*** | 2022-05-09 |
|  |  |  |  |  |
| ***Category:*** | **F** |  | ***Release:*** |  |
|  | *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:*** | There is a EN "*the procedure shall be aligned with SA2*" in 16.6.3 of TS 33.501.In clause 16.6.3 of TS 33.501, ENSI is utilized to identify S-NSSAI for NEF and AF that is outside the 3GPP operator domain.According to clause 6.2.5.0 of TS 23.501, it is stated that "*It(NEF) translates between information exchanged with the AF and information exchanged with the internal network function. For example****, it (NEF) translates between an AF-Service-Identifier and internal 5G Core information such as DNN, S-NSSAI****, as described in clause 5.6.7.* "According to clause 4.15.3.2.10 of TS 23.502, SA2 leverages the **AF-Service-Identifier** to identify S-NSSAI for NEF and AF that is outside the 3GPP operator domain.Therefore, SA3 needs to clarify the relationship between ENSI and AF-Service-Identifier. |
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| ***Summary of change:*** | EN "*the procedure shall be aligned with SA2*" in 16.6.3 of TS 33.501 is removed. |
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| ***Consequences if not approved:*** | Editor's Notes remain unresolved. |
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| ***Clauses affected:*** | 16.6.3 |
|  |  |
|  | **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:*** |  |

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Start of the Change \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

### 16.6.3 Subscription/unsubscription procedure of NSACF notification service

1. To subscribe or unsubscribe for the number of UEs or the number of PDU Sessions per network slice notification with the NSACF, the AF sends Nnef\_EventExposure\_Subscribe/Unsubscribe Request (Event ID, Event Filter, Event Reporting information) message to the NEF as described in TS 23.502 [8]. The Event Filter parameter shall be ENSI for an AF deployed outside the 3GPP operator domain. Other parameters are specified in TS 23.502 [8]. ENSI is equivalent to AF-Service-Identifier. According to clause 6.2.5.0 of TS 23.501 [2], NEF can translate between an AF-Service-Identifier and S-NSSAI.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* End of the Change \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Start of the Change \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

### I.9.2.1 Requirements

The primary authentication shall be performed before initial access for UE onboarding is allowed. The UE shall use Default UE credentials for the primary authentication. Credentials or means used to authenticate the UE based on Default UE credentials may be stored within the ON-SNPN or in a Default Credentials Server (DCS) that is external to the ON-SNPN.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* End of the Change \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*