**3GPP TSG-SA3 Meeting #115 *draft\_S3-240917-r1***

Athens, Greece, 26th February - 1st March 2024

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| *CR-Form-v12.1* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **33.501** | **CR** | **1943** | **rev** | **1** | **Current version:** | **18.4.0** |  |
|  | | | | | | | | |
| *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:*** | Replacing SUPI with SUCI in I.10.2.2 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | Ericsson | | | | | | | | | |
| ***Source to TSG:*** | S3 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | eNPN\_Ph2 | | | | |  | ***Date:*** | | | 2023-02-19 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | F |  | | | | | ***Release:*** | | | Rel-18 |
|  | *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:*** | | In Annex I.10.2.2, it is specified that if the employed EAP method supports SUPI privacy, the UE may send an anonymous **SUPI**.  However, it should be anonymous SUCI, not SUPI to align with other similar methods. | | | | | | | | |
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| ***Summary of change:*** | | Replacing SUPI with SUCI in the first step of the procedures. | | | | | | | | |
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| ***Consequences if not approved:*** | | Misalignemnt with other procedures. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | Annex I.10.2.2 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **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 CHANGES \*\*\*

### I.10.2.2 Untrusted non-3GPP access support in SNPN with CH

UE may use the credentials from a Credentials Holder AAA server to access SNPN services via Untrusted non-3GPP access.



Figure I.10.2.2-1: Procedure for Untrusted non-3GPP Access using Credentials Holder AAA Server

0 prior conditions and assumptions are described in step 0 in clause I.2.2.2.2.

1a-6b as specified in clause 7.2.1. In addition, if the construction of SUCI as described in clause 6.12 cannot be used and if the employed EAP method supports SUPI privacy, the UE may send an anonymous SUCI based on configuration.

7 authentication and key agreement procedure between the UE and the AAA server, as specified in steps 2-15 in clause I.2.2.2.2.

8-17 as specified in clause I.10.2.1 .

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