**3GPP TSG-SA3 Meeting #115 *S3-240901***

Athens, Greece, 26 Feb - 01 March 2024 (revision of S3-240654)

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| *CR-Form-v12.1* |
| **CHANGE REQUEST** |
|  |
|  | **33.501** | **CR** | **1942** | **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:***  | Resolution of EN concerning indication from UDM to AUSF to select authentication with external credential holder |
|  |  |
| ***Source to WG:*** | Nokia, Nokia Shanghai Bell  |
| ***Source to TSG:*** | S3 |
|  |  |
| ***Work item code:*** | eNPN |  | ***Date:*** | 2023-03-01 |
|  |  |  |  |  |
| ***Category:*** | **A** |  | ***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 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| ***Reason for change:*** | The EN is obsolete, as the required changes to indicate from the UDM when to select authentication with an external credential holder, already is implemented by stage 3 in TS29.503 clause 6.3.5.2.3.  |
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| ***Summary of change:*** | EN removed  |
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| ***Consequences if not approved:*** | Resolved EN remains in specification. |
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| ***Clauses affected:*** | 14.2.2 |
|  |  |
|  | **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:*** | S3-240654 |

**\*\*\*\* START OF CHANGES \*\*\*\***

### 14.2.2 Nudm\_UEAuthentication\_Get service operation

**Service operation name:** Nudm\_UEAuthentication\_Get

**Description:** Requester NF gets the authentication data from UDM. For AKA based authentication, this operation can be also used to recover from synchronization failure situations. If SUCI is included, this service operation returns the SUPI.

**Inputs, Required:** SUPI or SUCI, serving network name.

**Inputs, Optional:** Synchronization Failure indication and related information (i.e. RAND/AUTS) , Disaster Roaming service indication, NSWO indicator.

NOTE: If NSWO indicator is present then the serving network name contains "5G:NSWO".

**Outputs, Required:** Authentication method

Outputs, Optional**:** SUPI if SUCI was used as input. Depending on the authentication method, authentication data (e.g. AKA authentication vector) for the SUPI. AKMA Indication and Routing indicator, if the subscriber has an AKMA subscription (see TS 33.535 [91]). MSK indicator.

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