**3GPP TSG-SA3 Meeting #101-e *S3-203147***

**e-meeting, 9-20 November 2020**

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| *CR-Form-v12.0* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  |  | **CR** | **0988** | **rev** |  | **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:*** |  | | | | | | | | | |
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| ***Source to WG:*** |  | | | | | | | | | |
| ***Source to TSG:*** | S3 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** |  | | | | |  | ***Date:*** | | |  |
|  |  | | | |  | |  | | |  |
| ***Category:*** |  |  | | | | | ***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 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-12 (Release 12)* *Rel-13 (Release 13) Rel-14 (Release 14) Rel-15 (Release 15) Rel-16 (Release 16)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | The clauses 13.3.6 "Authentication and authorization between SCP and network functions" and 13.3.7 "Authentication and authorization between SCPs" currently only specify authentication, not authorization, which is indicated by Editor's Notes. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | Remove Editor's Note and specify that authorization is done locally at the NF or SCP. | | | | | | | | |
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| ***Consequences if not approved:*** | | Editor's Notes remain, authorization SCP/NF and SCP/SCP not specified. | | | | | | | | |
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| ***Clauses affected:*** | | 13.3.6, 13.3.7 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **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:*** | |  | | | | | | | | |

### \*\*\* BEGIN CHANGES \*\*\*

### 13.3.6 Authentication and authorization between SCP and network functions

The SCP and network functions shall use one of the following methods described in clause 13.1 to mutually authenticate each other before service layer messages can be exchanged on that interface:

- If the PLMN uses protection at the transport layer, authentication provided by the transport layer protection solution shall be used for mutual authentication of the SCP and the network functions.

- If the PLMN does not use protection at the transport layer, mutual authentication of the SCP and network functions may be implicit by NDS/IP or physical security.

Authentication between the SCP and the Network Function may be implicit by co-location.

In this document, authorization between the SCP and the NFs is based on static authorization as described in clause 13.3.0.

### 13.3.7 Authentication and authorization between SCPs

SCPs shall use one of the following methods as described in 13.1 to mutually authenticate each other before service layer messages can be exchanged on that interface:

- If the PLMN uses protection at the transport layer, authentication provided by the transport layer protection solution shall be used for mutual authentication of the SCPs.

- If the PLMN does not use protection at the transport layer, mutual authentication of the two SCPs may be implicit by NDS/IP or physical security.

In this document, authorization between the SCPs is based on static authorization as described in clause 13.3.0.

### \*\*\* END CHANGES \*\*\*