**3GPP TSG-SA3 Meeting #100e *S3-201795-r2***

**e-meeting, 17 - 28 August 2020**

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| *CR-Form-v12.0* |
| **CHANGE REQUEST** |
|  |
|  | **33.501** | **CR** | **0900** | **rev** | **1** | **Current version:** | **16.3.0** |  |
|  |
| *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:***  | Alignment and clarifications to SBA network or transport layer protocol |
|  |  |
| ***Source to WG:*** | Nokia, Nokia Shanghai Bell |
| ***Source to TSG:*** | S3 |
|  |  |
| ***Work item code:*** | 5G\_eSBA |  | ***Date:*** | 2 |
|  |  |  |  |  |
| ***Category:*** | **F** |  | ***Release:*** | Rel-16 |
|  | *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-12 (Release 12)**Rel-13 (Release 13)Rel-14 (Release 14)Rel-15 (Release 15)Rel-16 (Release 16)* |
|  |  |
| ***Reason for change:*** | In 13.1.1.0 references missing |
|  |  |
| ***Summary of change:*** | References added |
|  |  |
| ***Consequences if not approved:*** | missing references |
|  |  |
| ***Clauses affected:*** | 13.1.1.0 |
|  |  |
|  | **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:*** | S3-201795 |

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

13.1.1.0 General

To allow for TLS protection between the SEPP and Network Functions or SCPs within a PLMN, the SEPP shall support:

- TLS wildcard certificate for its domain name and generation of telescopic FQDN based on an FQDN obtained from the received N32-f message as specified in clause 13.1.1.1.

- using the custom HTTP header 3gpp-Sbi-Target-apiRoot, defined in clause 5.2.3.2.4 of TS 29.500[74], in the HTTP request originated by the NF within the SEPP’s PLMN, to forward the protected HTTP Request message towards the remote PLMN as specified in clause 13.1.1.2.

NOTE: Whether the SEPP and NFs within the SEPP’s PLMN use telescopic FQDN or the custom HTTP header is based on PLMN operator’s policy.

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