**3GPP TSG-SA3 Meeting #103-e *S3-212266***

**e-meeting, 17 - 28 May 2021**

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| *CR-Form-v12.1* |
| **CHANGE REQUEST** |
|  |
|  | **33.501** | **CR** | **1141** | **rev** | **-** | **Current version:** | **17.1.0** |  |
|  |
| *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:***  | NEF-AF aspects |
|  |  |
| ***Source to WG:*** | S3 |
| ***Source to TSG:*** | Noka, Nokia Shanghai Bell |
|  |  |
| ***Work item code:*** | DUMMY |  | ***Date:*** | 2021-05-28 |
|  |  |  |  |  |
| ***Category:*** | **B** |  | ***Release:*** | Rel-17 |
|  | *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)* |
|  |  |
| ***Reason for change:*** | Security for exposure of time synchonisation needs to be covered for TSC. |
|  |  |
| ***Summary of change:*** | Addition of new clause, referencing the existing solutions in 33.501. |
|  |  |
| ***Consequences if not approved:*** | Exposure of time synch not covered by Rel-17. |
|  |  |
| ***Clauses affected:*** | L.X (new) |
|  |  |
|  | **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

## L.X Exposure of time synchronisation

Any AF that has knowledge of deterministic application requirements is able to request TSC services from the 5GS by interfacing with NEF, and as authorized, can be notified of pertinent network events. The security solution as described in clause 12 shall apply.

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