**3GPP TSG-SA3 Meeting #107-e *S3-22xxxx-r2***

**e-meeting, 16 - 20 May 2022 (revision of S3...)**

**Title:** **LS on TNAP mobility security aspect**

**Response to:**

**Release: Rel-17**

**Work Item: FS\_5WWC\_Ph2\_Sec**

**Source:** SA3

**To:** **SA2**

**Cc:**

**Contact Person:**

#### Name: Saurabh Khare

E-mail Address: [Saurabh.khare@nokia.com](mailto:Saurabh.khare@nokia.com)

**Send any reply LS to: 3GPP Liaisons Coordinator,** [**mailto:3GPPLiaison@etsi.org**](mailto:3GPPLiaison@etsi.org)

**Attachments:**

**1. Overall Description:**

TS 23.502 (Rel 16) Clause 4.12a.9 contains a security solution of TNAP mobility, (security keys are also derived in the solution). However, it contains a note:

*NOTE: It is expected that SA WG3 will confirm the above steps and will define how the re-authentication root key (rRK) is created.*

However, SA3 would like to inform SA2 that SA3 has never performed any study on this topic/issue.

We would like to get SA2 feedback if it is worthwhile to study these security aspects to address that note, considering it is a Rel 16 leftover security item. Meanwhile, will SA2 accept a new security solution in addition to clause 4.12a.9? This is relevant to the scope and the output of this work. For example, only evaluate the solution in clause 4.12a.9 regarding the security aspects or provide a new solution.

**2. Actions:**

**To SA2:**

**ACTION:** SA3 kindly asks SA2 to provide feedback on the above question.

**3. Date of Next TSG-SA WG2 Meetings:**

|  |  |  |  |
| --- | --- | --- | --- |
|  | DATES | LOCATION | CTRY |
| SA3#107-bis-e | June 27th -July 01st 2022 | E-meeting | Any |
| SA3#108-e | Aug 22nd -Aug 26th 2022 | Goteborg | Sweden |