3GPP TSG SA WG 3 Meeting SA3#102e TDoc S3-210343

Electronic meeting, Online, 18 - 29 January 2021

**Title:** draftLS on Feedback on Key Issue #1 "Enhancements to Support SNPN along with credentials owned by an entity separate from the SNPN"

**Release:** Rel-17

**Work Item:** Study on enhanced security support for Non-Public Networks (FS\_eNPN\_SEC)

**Source:** **Ericsson, to be SA3**

**To: SA2**

**Cc: CT1, CT3, CT4**

**Contact person: Christine Jost**

**christine.jost@ericsson.com**

**Send any reply LS to: 3GPP Liaisons Coordinator, <mailto:3GPPLiaison@etsi.org>**

**Attachments:** None

# 1 Overall description

SA3 is aware of that the conclusions in TR 23.700-07 on Key Issue #1 "Enhancements to Support SNPN along with credentials owned by an entity separate from the SNPN" depend on feedback from SA3. To enable SA2 to progress their normative work, SA3 would like to give the following feedback, based on the current status of SA3's TR 33.857.

1. "- The SNPN will host a function (e.g. enhanced AUSF or new NF) supporting primary authentication and authorization of SNPN UEs that use credentials from the AAA Server.

NOTE 1: Whether to use a new NF or enhanced AUSF will be determined based on feedback from SA WG3."

SA3 feedback:

1. In the 5G architecture, primary authentication is performed by the AUSF. Therefore, the AUSF should be involved in the primary authentication procedure also for SNPN UEs that use credentials from the legacy/5GS non-aware AAA Server.
2. It is not concluded yet in SA3 whether an intermediate function is needed between the AUSF and the AAA-S or not.

b)

2. Editor's note: Need for and details of using a UE ID other than the SUPI are FFS.

SA3 feedback: It can be assumed that the UE ID is a NAI. Hence, from an SA3 point of view, it can be assumed that the UE ID is a SUPI. SUPI privacy according to existing methods in 33.501 can be used. Please refer to Annex I.5 of 33.501 for details.

# 2 Actions

**To SA2**

**ACTION:** SA3 asks SA2 to take the feedback into account.

# 3 Dates of next TSG SA WG 3 meetings

SA3#102e-Bis 1 - 5 March 2021 Electronic meeting

SA3#103e 17 - 28 May 2021 Electronic meeting