**3GPP TSG-SA3 Meeting #105e *S3-214334***

**e-meeting, 8 - 19 November 2021**

**Title: LS on conclusions of authentication methods for initial access for onboarding.**

**Release: Release 17**

**Work Item: NPN17**

**Source: Nokia (to be SA3)**

**To: SA2**

**Cc:**

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**Attachments:**

# 1 Overall description

SA3 would like to inform SA2 about conclusions drawn for authentication of UE’s requesting initial access for onboarding. The following conclusions have been drawn:

* Primary authentication between UE and AUSF in the O-SNPN as currently described in TS 33.501, including Annex B. No interaction with DCS during primary authentication. Optionally, after primary authentication during the establishment of onboarding PDU session, O-SNPN can trigger secondary authentication with the DCS using default credentials as per clause 11.1 in 33.501.
* Primary authentication with mutual authentication between UE and DCS. AUSF is involved. DCS can be AAA server, in that case NSSAAF is involved. DCS can also be external entity using AUSF/UDM.

# 2 Actions

**To TSG SA WG2**

**ACTION: SA3 kindly asks SA2 to take above conclusions into account and provide feedback, if any, to SA3 regarding the feasibility of these conclusions from architectural point of view.**

# 3 Dates of next TSG SA WG 3 meetings

SA3#106 7 – 11 February 2022 EU (TBC)

SA3#106-bis 4 – 8 April 2022 US (TBC)

SA3#107 16 – 20 May 2022 KR (TBC)