**3GPP TSG-SA3 Meeting #106e *S3-220197-r1***

**e-meeting, 14 - 25 February 2021**

**Title: REPLY LS on support of DCS variants in UE Onboarding Architecture.**

**Release: Release 17**

**Work Item: eNPN**

**Source: SA3**

**To: SA2**

**Cc:**

**Contact person: Bo Bjerrum**

 **bo dot bjerrum at nokia dot com**

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

**Attachments:**

# 1 Overall description

SA3 would like to thank SA2 for supporting the conclusions drawn by agreeing to the two variants of DCS’s.

SA3 confirms that DCS deployments can support both AAA or AUSF/UDM functionality. AAA connected over e.g. radius or Diameter and AMF to AUSF over SBI.

SA3 agrees that discovery and selection of either AUSF or AAA based primary authentication can be handled as already specified in TS 23.501 and TS 23.502.

It shall be noted that the configuration of the credentials implicitly decides whether to use AAA or AUSF/UDM based DCS and ON-SNPN selection configuration shall align with that. It’s not possible to select both AAA and AUSF/UDM based DCS with the same credential configuration.

Unrelated to above, SA3 proposes to have the UDM selection optional and leave this to the choice of the ON-SNPN deployment. The reasoning for the optionality is, that in some usages the network needs to be self-contained and access to external resources is limited, like the DCS. One example is networks handling operational technology in industrial setups standardised by the IEC 62443 series. In these usages the default credentials are recommend being stored in UDM to avoid fragmentation from processes already define in TS 33.501.

# 2 Actions

**To TSG SA WG2**

**ACTION: SA3 kindly asks SA2 to take above information into account and provide any feedback, if needed.**

# 3 Dates of next TSG SA WG 3 meetings

SA3#106-bis 4 – 8 April 2022 Online

SA3#107-bis 27 June – 1 July 2022 online

SA3#108 22 – 26 August 2022 Goteborg, SE