**3GPP TSG-SA3 Meeting #103-e *S3-212003***

e-meeting, 17 - 28 May 2021

**Title: [DRAFT] Reply LS on updating the Credentials Holder controlled lists for SNPN selection**

**Response to: LS S2-2101077 on updating the Credentials Holder controlled lists for SNPN selection from SA2**

**Release: Rel-17**

**Work Item: eNPN**

**Source:** Xiaomi to be **3GPP SA WG3**

**To: 3GPP SA WG2**

**Cc: 3GPP CT WG1**

**Contact person: Wei Lu**

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

**Attachments:** NONE

# 1 Overall description

SA3 thanks SA2 for the LS S2-2101077 on eNPN in TR 23.700-07.

Concerning the two procedure options to be used for updating the Credentials Holder controlled prioritized lists, both procedures provide the same security mechanism as defined in TS 33.501 clause 6.14 and 6.15. Via the calculation of SoR-MAC-IAUSF and UPU-MAC-IAUSF in the two procedures respectively, the UE is able to verify that the updated CH controlled lists of preferred SNPNs and GINs is not tampered with or removed by any intermediary. Optionally, both procedures provide the same security mechanism which allows the Home SP to verify that the UE has received the updated CH controlled lists for SNPN selection correctly, i.e. via the calculation of SoR-XMAC-IUE and UPU-XMAC-IUE.

Therefore, SA3 is of the view that both procedure options (i.e., UPU and SoR) are feasible from security perspective.

# 2 Actions

**To 3GPP SA WG2**

**ACTION:** SA3 kindly asks SA2 to take the above reply into consideration.

# 3 Dates of next TSG SA WG 3 meetings

SA3#103Bis-e 5 - 9 ~July 2021 Electronic meeting (TBC)

SA3#104-e 16 - 27 August 2021 Electronic meeting