**SA WG2 Meeting #163 S2-2407025**

**Jeju, Korea, May 27 – May 31, 2024**

**Title: [Draft] LS on User Identities and Authentication Architecture**

**Response to: -**

**Release: Rel-19**

**Work Item: FS\_UIA\_ARC**

**Source: OPPO [to be: SA2]**

**To: SA3, SA3-LI**

**Cc:**

**Contact person: Peng Tan**

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

**Attachments:**

# Overall description

SA2 is studying on User Identities and Authentication Architecture (FS\_UIA\_ARC). During SA2#163, SA2 could not agree on conclusions due to issues related to the questions below. Following these discussions, SA2 has identified several security aspects that may require feedback from SA3. SA2 kindly asks SA3 to provide feedback on the following aspects:

**Question1a:**

During the discussion related to Key Issue #1 the majority of companies believe that is appropriate to send the user identity in NAS. Some minority companies objected to this conclusion and raised the issue of trust of the user identity and credentials for the MNO (HPLMN). Specifically these minority of companies are questioning whether the HPLMN will be able to trust the user identity and credentials considering that the view of majority of companies is that the user identity and credentials that will be used to identify the user in HPLMN will not be stored in UICC and procedures will use methods similar to NSSAA or secondary PDU session to authenticate the user.

**Question1:**

Regarding the Key Issue #3 of TR 23.700-32, can the following user identity information be exposed to an authorized AF, and if so, is user consent required for the exposure of this information?

* Verification result indicating whether a user is active with a subscription;
* Authentication results of one or more user identifiers;
* UE Subscriptions linked to a user.

**Question2:**

Regarding Key Issue #1 of TR 23.700-32, SA2 has concluded that there will be no normative impacts to SMS over NAS in Rel-19. SA2 kindly requests SA3 to provide their opinion whether there is a privacy issue if the network keeps providing SMS and IMS services while another user is using the UE.

**Question3:**

Regarding Key Issue #1 of TR 23.700-32, in SA2 also certain companies question whether the user identity that is using the UE also needs to be known for LI purposes e.g. to comply to regulatory requirements..

# Actions

**To SA3:**

**ACTION:** SA2 kindly asks SA WG3 to provide answers to questions 1a-2.

**To SA3-LI:**

**ACTION:** SA2 kindly asks SA3-LI to provide answers to question 3.

# 3 Dates of next TSG SA2 meetings

3GPP TSG SA2#164 19th August- 23th August, 2024 Maastricht, NL

3GPP TSG SA2#165 14th October- 18th October,2024 India, IN