**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**

**[v-tanpeng@oppo.com](mailto:v-tanpeng@oppo.com)**

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

**Attachments:**

# Overall description

SA2 is studying on User Identities and Authentication Architecture (FS\_UIA\_ARC). During SA2#163, SA2 has identified several security aspects that may require feedback from SA3 and SA3-LI. SA2 kindly asks SA3 and SA3-LI to provide feedback on the following aspects:

**Question1a:**

During the discussion related to Key Issue #1 most companies believe that it is appropriate to send the user identity in NAS. Different from the majority view, some companies objected to this conclusion and raised the issue of trust of the user identity and credentials for the MNO (HPLMN), and questioning whether the HPLMN will be able to trust the user identity and credentials.

Considering that the views from majority of companies are that,

* the user identity and credentials that will be used to identify the user in HPLMN might not be stored in UICC
* procedures and methods similar to NSSAA or secondary PDU session will be used to authenticate the user.

SA2 requests SA3 to provide feedback on whether the trust of the user identity and credentials for the MNO (HPLMN) is an issue.

**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 1, 1a, and 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