**3GPP TSG-SA WG2 Meeting #163 S2-2407023**

**27-31, May 2024, Jeju, Korea (Revision of S2-2406263, 5411)**

**Title: [Draft] LS on Clarifications related to User Identities**

**Response to: -**

**Release:** **Rel-19**

Work Item: FS\_UIA\_ARC

Source: SA2

To: SA1

Cc: SA3

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

**Attachments:** -

# 1 Overall description

SA2 is studying User Identities and Authentication Architecture (TR 23.700-32). This study is based on the requirements in section 26a of TS 22.101. In terms of background, SA2 has agreed that a user is considered active if the associated user identifier has been authenticated and authorized to use a linked subscription to access the 5GS.

SA2 has discussed how and whether the IMS service is impacted when a user becomes active. For example, the following options have been discussed,

* whether IMS supplementary services and IMS deregister can be used to avoid MT IMS services for an active user,
* whether the UE may need to locally disable MMI notifications for IMS service using the USIM credentials,
* whether the IMS service should switch to being delivered to an IMPU that is associated with the user identity, and
* whether the user becoming active should necessarily cause any change to the IMS Service.

**Question 1**: SA2 would like to ask SA1: Whether there are any specific service requirements for the IMS service when a user becomes active with a subscription.

Similarly, SA2 would like to ask about SMS over NAS. SA2 has an assumption that there will be no normative impacts to SMS over NAS in Rel-19. However, the following options have been discussed,

* whether SMS over NAS should be disabled when a user becomes active with a subscription,
* that SMS over NAS may switch to being delivered to a GPSI that is associated with the user identity,
* whether the UE may need to locally disable MMI notifications for SMS service using the USIM credentials, and
* that the user becoming active does not necessarily cause any change to delivery of the SMS over NAS service.

**Question 2**: SA2 would like to ask SA1: Whether there are any specific service requirements for the SMS over NAS service when a user becomes active with a subscription.

**Question 3**: SA2 assumes that MSISDN and IMPUs are still used for SMS and IMS communication, can SA1 confirm the SA2 understanding?

**Question 4**: What are the requirements related to inter-system mobility and roaming?

# 2 Actions

**To SA1:**

**ACTION:** SA2 kindly asks SA1 to provide answers to the above questions.

# 3 Date of next TSG SA WG SA2 meetings

SA2#164 2024-08-19 – 2024-08-23 Maastricht, NL

SA2#165 2024-10-14 - 2024-10-18 India