3GPP TSG SA WG 1 Meeting #107 S1-242331

**Maastricht, The Netherlands, 19-23 August 2024**

**Title: Reply LS on Clarifications related to User Identities**

**Response to: LS S2-2407219 on Clarifications related to User Identities from SA2**

**Release: Rel-19**

**Work Item: UIA**

**Source: SA1**

**To: SA2**

**Cc: SA3**

**Contact person: Kurt Bischinger, Deutsche Telekom**

 **kurt.bischinger@magenta.at**

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

**Attachments:** CR#0595 to 22.101

# 1 Overall description

SA1 thanks SA2 for the LS on Clarifications related to User Identities in S2-2407219 and would like to provide the following answers:

**Question 1**: Whether there are any specific service requirements for the IMS service when a user identifier becomes active/inactive with a subscription e.g. considering any privacy concerns.

**Answer 1:** The following requirements deal with IMS service aspects:

The User Profile may include one or more pieces of the following information:

- […]

- User Identity specific service settings and parameters.
Those shall include network parameters (e.g. QoS parameters), IMS service (e.g. MMTEL supplementary services) and operator deployed service chain settings. (TS 22.101 clause 26a.2.3)

The 3GPP system shall enable a user to configure, within the boundaries set by the network operator, which services shall be available on a device where a user logs in. These services include voice, video, and messaging. (TS 22.101 clause 26a.2.4)

Furthermore, SA1 has agreed the attached CR to add and clarify privacy requirements.

**Question 2**: SA2 would like to ask SA1: Whether there are any specific service requirements for the SMS over NAS service when a user identifier becomes active/inactive with a subscription e.g. considering any privacy concerns.

**Answer 2:** SA1 has agreed the attached CR to clarify the applicability to SMS. Note, it is not up to SA1 to decide on the underlying protocols.

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

**Answer:** SA1 confirms that MSISDN and IMPUs are still used for SMS and IMS communication. A user identifier is mapped to a corresponding GPSI or IMPU of the subscription that the user identifier is active with.

**Question 3**: What are the requirements related to inter-system mobility and roaming?

**Answer 3:** The following requirements in TS22.101, clause 26a, deal with roaming aspects for the 3GPP system. There are no explicit requirements for inter-system mobility. Note, TS 22.101 is applicable to the 3GPP system and not only to the 5GS.

The 3GPP system shall support to perform authentication of a User Identity regardless of the user's access, the user's UE and its HPLMN as well as the provider of the User Identifier. (TS 22.101 clause 26a.2.1)

The operator shall be able to set the boundaries within which the user specific settings are taken into account in his network. The operator shall be able to restrict the feature depending of the provider of the User Identifier, the roaming status of the UE, the service and its specific parameters. (TS 22.101 clause 26a.2.4)

The operator shall be able to set restrictions for devices accessing the network and its services via non-3GPP access with their User Identity linked to a 3GPP subscription. The 3GPP system shall support restrictions based on the User Identity provider, the roaming status of the linked 3GPP subscription, and the network service that is accessed. (TS 22.101 clause 26a.2.4)

# 2 Actions

**To SA2:**

**ACTION:** SA1 asks SA2 to take the above information into account.

# 3 Dates of next TSG SA WG 1 meetings

SA1#108 18-22 Nov 2024 Orlando, Florida, USA

SA1#109 17-21 Feb 2025 Athens, Greece