3GPP TSG SA WG 3 Meeting SA3#103e TDoc S3-211899-r1

Electronic meeting, Online, 17 - 28 May 2021

**Title: Draft LS on TAU reject issue during MME handover**

**Response to:**

**Release:**

**Work Item:**

**Source: SA3**

**To: CT4**

**Cc:**

**Contact person: Bo Zhang**

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

**Attachments:** S3-210397

# Overall description

When a fast moving UE attaches to 5GS, then moves to MME-1 in EPS and shortly thereafter moves to MME-2 the TAU request message sent from the UE to the MME-2 will always fail caused by the misalignment on the EPS security context from the standard point of view, i.e. the security context stored in the UE is the mapped type, and the security context stored in the MME-2 is the native type. Details of the issue and analysis can be found in the attachment S3-210397.

SA3 has discussed this issue, and proposed that this issue can be easily avoided by including the TSC part indicating the mapped or native security context during the MME-1 to MME-2 reallocation as defined in clause 7.2.8.4.3 of TS 33.401. Therefore, it is required that CT4 should consider the above issue and SA3 proposal in this case, and solve this issue from CT4 perspective accordingly.

# 2 Actions

**To 3GPP TSG SA CT1**

**ACTION:** SA3 kindly asks CT4 to take the above information into account, and solve the above issue and misalignment accordingly.

# 3 Dates of next TSG SA WG 3 meetings

SA3#103bis-e 5 - 9 July 2021 Electronic meeting

SA3#104e 16 - 27 August 2021 Electronic meeting