**3GPP TSG-SA3 Meeting #104-e *S3-213025***

e-meeting, 16 - 27 August 2021

**Title: LS on full registration request message to be rerouted via RAN**

**Response to:**

**Release: Rel-17**

**Work Item: FS\_AMFREAL\_SEC**

**Source: SA3**

**To: SA2, RAN3**

**Cc:**

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

**Attachments:**

# 1 Overall description

In step 7(B), clause 4.2.2.2.3 of TS 23.502, it is specified that

“The Reroute NAS message includes the information about the target AMF, and the full Registration Request message. If the initial AMF has obtained the information as described at step 4b, that information is included. The (R)AN sends the Initial UE message to the target AMF (step 7b) indicating reroute due to slicing including the information from step 4b that the NSSF provided.”

It is not clear what is a full Registration Request (RR) message. Also the term “Initial UE message”, different from the term “full Registration Request message”, rises different understanding in SA3.

Q1 to SA2: Is the full Registration Request message the complete Registration Request message that contains both clear text IEs and non-clear text IEs, as defined in clause 4.4.6. in TS 24.501?

Q2 to SA2: Is the Initial UE message the full Registration Request message sent from the initial AMF to RAN?

Q3 to SA2: Does the Initial UE message refer to step 1 of 4.2.2.2.3 Registration with AMF re-allocation or does it refer to the complete registration request received by the Initial AMF in NAS Security mode complete message?

Q4 to SA2: If the answer to Q2 is yes, then if the SMC procedure has been finished between UE and initial AMF, the UE context is changed. The Initial UE message contain the 5G-GUTI point to the old AMF, does the target AMF need to get the UE context which is invaild from old AMF?

# 2 Actions

**To CT4**

**ACTION:**

SA2 is kindly requested to clarify the above questions.

RAN3 is kindly requested to align with SA2 terminology regarding the registration request message to be rerouted via RAN to avoid confusion.

# 3 Dates of next TSG SA WG 3 meetings

SA3#105-e 8 - 12 November 2021 Electronic meeting

SA3#106 7-11 February TBD