**3GPP TSG-SA3 Meeting #103-e *draft\_S3-211747-r1***

e-meeting, 17 - 28 May 2021

**Title: [DRAFT] Reply****-LS on Secondary AUTH for 5GS interworking with EPS**

**Response to: LS S3-211376/C3-210377 on LS on Secondary AUTH for 5GS interworking with EPS**

**Release: Rel-17**

**Source:** **Ericsson, to be SA3**

**To:** **CT3, SA2**

**Cc: CT1**

**Contact person: Christine Jost**

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

**Attachments:** none

# 1 Overall description

SA3 would like to thank CT3 for their LS S3-211376/C3-210377 on Secondary AUTH for 5GS interworking with EPS, and SA2 for their reply-LS S3-211397/S2-2101305 on the same topic.

SA3 would like to provide the following replies to the question raised by CT3. The replies provided by SA2 are included for convenience.

**CT3 Q1:** Whether EAP based secondary authorization/ authentication is also applicable for EPS, when the UE supports EAP.

*[SA2 reply in S2-2101305]: EAP based secondary authorization/ authentication has only been defined for 5GS and is thus not applicable to EPS in existing releases. SA2 expects that in case EAP based secondary authorization/ authentication is to be introduced in EPS it would require a new work item in SA2.]*

**SA3 reply**: SA3 confirms SA2's reply. In case EAP-based secondary authentication is to be introduced in EPS, it would require a new work item in SA3 as well. SA3 currently has no plans to initiate such a work item, and no requirements for such a work item have been raised in SA3.

**CT3 Q2:** When the DN-AAA server initiates EAP based re-authorization but UE has moved from 5GS to EPS, whether such re-authorization will be supported.

*[SA2 reply in S2-2101305: If the re-authorization is associated with EAP based re-authentication procedure, then the re-authorization will not be supported since EAP-based re-authentication cannot be performed when the UE is in EPS in existing releases. However, if based on local policy the DN-AAA server initiates DN-AAA re-authorization without performing re-authentication, then a* *DN-AAA re-authorization (without EAP-based re-authentication) can be supported even when UE is in EPS: this may be used. to provide new parameters from the DN-AAA server to SMF+PGW-C.]*

**SA3 reply**: SA3 confirms SA2's reply.

**CT3 Q3:** If only PAP/CHAP based secondary authorization/authentication is applicable in EPS, how to handle the case when the DN-AAA server initiates EAP based re-authorization but UE has moved from 5GS to EPS.

*[SA2 reply in S2-2101305: SA2 assumes that CT3 refers to the re-authorization associated with EAP-based re-authentication procedure scenario. SA2 expects that* *in such case the SMF+PGW-C, that receives the re-authentication request from the DN-AAA, can inform the DN-AAA server that the UE is not available for EAP-based re-authentication at the moment. The SMF+PGW-C should not initiate PDN connection release: the DN-AAA can decide based on the reply from SMF+PGW-C and based on local policy what actions to take in that case, but this is out of 3GPP scope.]*

**SA3 reply:** SA3 confirms SA2's reply.

SA3 believes that updates agreed by SA2 (S2-2101312, CR 2475r2 to TS 23.502) address the necessary changes to stage-2 specifications and no additional updates to specifications under the remit of SA3 are necessary.

# 2 Actions

**To CT3**

**ACTION:** SA3 kindly asks CT3 to take the above information into account.

# 3 Dates of next TSG SA WG 3 meetings

SA3#103Bis-e 5 - 9 July 2021 Electronic meeting (TBC)

SA3#104-e 16 - 27 August 2021 Electronic meeting