**3GPP TSG-CT WG4 Meeting #111-eC4-224418**

**E-Meeting, 18th – 26th August 2022**

Title: LS on Authentication Result Removal

Response to: -

Release: Rel-17

Source: CT4

To: SA3

Cc: -

**Contact Person:**

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Attachments: -

**1. Overall Description:**

The feature of "Authentication Result Removal" (affecting both the AUSF and UDM APIs) was introduced by CT4 in their stage-3 specifications because of an LS received from SA3 in C4-200391 / S3-194674.

Some companies have identified and reported issues at stage-3 level, while attempting to implement the feature. The problems rely on the fact that the AUSF is expected to clean-up the authentication result after the UE has finalized the authentication process but, in order to implement the removal of the authentication result, and be able to interact with UDM, the AUSF needs to store the authentication result indefinitely, which was something never foreseen for the AUSF. This means that, at this point, the feature is not implementable.

Therefore, before moving forwards and attempting to fix this functionality at stage-3 level, CT4 would like to confirm with SA3 whether it sees any issue with it.

**2. Actions:**

**To SA3 group.**

**ACTION:** CT4 kindly asks SA3 to take the above information into account and to provide a response on whether the functionality was agreed by SA3 normatively and, in such case, to kindly consider documenting it in their relevant stage-2 specifications, so CT4 can proceed to evaluate potential fixes to the current stage-3 specifications.

Alternatively, if the feature was not meant to be kept as a normative functionality, to kindly indicate that, so CT4 can discuss whether the feature should be removed from stage-3.

**3. Date of Next CT4 Meetings:**

3GPP TSG CT4#112e 10/2022 E-Meeting