**3GPP TSG-SA3 Meeting #116 *S3-242173-r3***

**Jeju, South Korea, 20 – 24 May 2024**  (revision of S3-yyxxxx)

**Title:** **Reply LS on ECS configuration information**

**Response to: LS on ECS Configuration Information**

**Release: Rel-18**

**Work Item: Edge\_Ph2**

**Source:** **Huawei to be SA3**

**To: CT1**

**Cc: SA2, SA6, CT3, CT4**

**Contact person: Bo Zhang**

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

**Attachments: S3-242283**

# 1 Overall description

 SA3 thanks CT1 for the LS on ECS Configuration Information. SA3 would like to answer to Q3 as follows:

*Question.* *"In TS 33.558, clause 6.2, SA3 defines that details of the authentication methods used in TLS (while providing examples of them) is out of the scope of the work in SA3."*

Clarification: The **authentication methods** used in TLS (e.g., *certificates, PSK (established using AKMA or GBA*)) are in the remit of SA3, but out of the scope of the TS 33.558. This is because, details of such authentication methods are specified in other specifications (e.g., TS 33.535 and TS 33.222) in 3GPP, and to be used appropriately. Therefore, TS 33.558 will not define the authentication procedure again for TLS connection establishment between EEC and ECS. If no common mutual authentication method is supported between the EEC and the ECS, then at the least server side authentication using server certificate is performed, if network policy allows.

*Question*. *"However, a UE behavior is indicated based on the authentication methods in the same clause. We would like to get clarification on the authentication methods and the intention of the above mentioned clause. Additionally, SA3 might consider updating their specification to clarify on this ambiguity."*

Clarification: The UE behaviour is defined to optimize the **authentication method negotiation procedure**. Specifically, if the UE had received and/or stored the authentication methods supported by the ECS, then the UE can effectively perform the TLS connection establishment procedure.

SA3 agreed on the attached CR (S3-242283) to address the ambiguity on the authentication methods between the EEC and the ECS.

# 2 Actions

**To CT1:**

**ACTION:** SA3 kindly asks CT1 to take the clarifications above into account**.**

# 3 Dates of next TSG SA WG 3 meetings

SA3#117 19th – 23th, August 2024, Netherlands

SA3#118 14th – 18th, December 2024, India