**3GPP TSG-SA3 Meeting #116 *S3-242173-r4***

**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**

**E-mail Address: zhangbo6@huawei.com**

**Send any reply LS to: 3GPP Liaisons Coordinator,** [**mailto:3GPPLiaison@etsi.org**](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: Server side certificate-based TLS authentication shall be supported. Other mutual authentication methods (e.g., TLS certificates (client and server certificate based authentication), usage of AKMA or GBA as methods to arrange the PSK for TLS) should be supported and used between EEC and ECS. Details of such authentication method performed during the execution of the TLS handshake protocol is out of scope of the present document.

*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