3GPP TSG-SA3 Meeting #103-Bis-e S3-21xxxx

e-meeting, 17th - 28th May 2021

**Title:** **[DRAFT] LS on Secondary authentication during Edge Data Network change**

**Release: Rel-17**

**Work Item: Study on Security Aspects of Enhancement of Support for Edge Computing in 5GC (FS\_eEDGE\_Sec)**

**Source: SA3**

**To:** **SA2**

**Cc: CT1, CT3**

**Contact person: Bo Zhang**

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

**Attachments:** none

# 1 Overall description

SA3 has discussed the secondary authentication for Edge Data Network (EDN) change scenarios in the Key issue #10 of TR 33.839, and has the concerns on the seamless change from the security point of view

Q1: For the Distributed anchor point and Multiple sessions models, a new PDU session will be established for the Target EDN with the same edge computing service. SA3 would like to know whether the new secondary authentication between UE and target EDN will impact the seamless change required by SA2.

Q2: For the Session breakout scenario, it is proposed the SMF decides whether to initiate the secondary authentication with the local EDN, or not. Otherwise, any PDU session would consume the services from the local EDN by adding a new Anchor point without authorization. SA3 would like to know whether the new secondary authentication between UE and local EDN will impact the seamless change required by SA2.

# 2 Actions

**To SA2**

**ACTION:**  SA3 kindly asks SA2 to answer the above 2 questions.

# 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