**3GPP TSG-SA3 Meeting #104e-Ad-hoc** ***S3-213551-r3***

**e-meeting, 27 – 30 September 2021**

**Title: draft reply LS on UE capabilities indication in UPU**

**Response to: LS S2-2101072 on UE capabilities indication in UPU from SA2**

 **LS C1-212599 on UE capabilities indication in UPU from CT1**

**LS S2-2106703 Reply LS on UE capabilities indication in UPU**

**Release: Rel-17**

**Work Item: eNPN**

**Source:** **Ericsson, Huawei (to be SA3)**

**To:** **CT1**

**Cc: SA2**

**Contact person: Helena Vahidi Mazinani**

 **helena dot vahidi dot mazinani at ericsson dot com**

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

**Attachments:**

# 1 Overall description

SA3 would like to thank SA2 for the LS S2-2101072 on UE capabilities indication in UPU and the reply LS from CT1, C1-212599.

S2-2101072 states:

---------------------

*ACTION: SA2 asks CT1 and SA3 to find a solution for capability negotiation for the parameters contained in UPU procedure in rel.17.*

---------------------

C1-212599 states:

---------------------

CT1 would like to inform SA2 and SA3 that CT1 sees as feasible that the Rel-17 UE informs the Rel-17 UDM about the supported UE parameters update data set types excluding "routing indicator update data" and "default configured NSSAI update data":

Alternative-1: in the UPU transparent container carrying the UPU acknowledgement; or

Alternative-2: in the registration request message during the registration procedure.

---------------------

And further:

---------------------

**ACTION:** CT1 would like to ask SA2 and SA3 to take the above into consideration.

---------------------

S2-2106703 states:

SA2 suggests CT1 to take the lead and progress the standardization of the functionality, also taking SA3 input into consideration.

# 2 Actions

**To SA2, CT1**

**ACTION:** SA3 would like to inform CT1 that SA3 finds issues with both alternatives described in C1-212599:

* Alternative-1 may not work in case of legacy UEs as the pre Rel-17 UE may not send the ACK response to the UDM.
* Alternative-2 may not work in case of legacy AMFs as the pre Rel-17 AMF may not send the received container to the UDM.

Further, there is no conclusion yet in SA3 on control plane provisioning. The need for UE capabilities transfer for UPU is to be decided in SA3.

For the SoR procedure to provision other new parameters than credentials, it is up to CT1 to decide whether the indicator is needed. If the indicator is needed, SoR ACK can be used to carry the indicator.

SA3 kindly ask CT1 to take the above information into consideration.

# 3 Dates of next TSG SA WG 3 meetings

SA3#105-e 8 - 19 November 2021 Electronic meeting

SA3#106 7-11 February TBD