**3GPP TSG-SA3 Meeting #109adhoc-e *draft\_S3-230311-r5***

E-meeting, 16 – 20 January 2023

**Title: Reply LS on FS\_eEDGEAPP Solution for Support of NAT deployed within the edge data network**

**Response to: LS S3-230018/S6-223586 on reply LS on FS\_eEDGEAPP Solution for Support of NAT deployed within the edge data network**

**Release: Rel-18**

**Work Item: FS\_eEDGEAPP**

**Source: SA3**

**To:** **SA6**

**Cc: SA2**

**Contact person: Ivy Guo**

 **Ivy\_guo@apple.com**

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

**Attachments:** None

# 1 Overall description

SA3 would like to thank SA6 for the LS on FS\_eEDGEAPP Solution for Support of NAT deployed within the edge data network (S3-230018/S6-223586) and would like to reply to the following questions:

***Question 1 to SA3****: SA6 would like to ask SA3 whether they can offer any mechanism to support verification of information provided by a UE and if that is the case, kindly provide details on that mechanism?*

**Answer:** There is no current mechanism to verify the private IP address included in “UE ID request”. If needed, further discussion in SA3 to provide security solution can be done if SA6 decide to use UE provided information, e.g. private UE IP address.

***Question 2 to SA3:*** *SA6 kindly requests SA3 to respond on the question in the description above and welcomes any further assessment on an EEC sharing its private IP address plus ipDomain with a trusted 3rd party EES.*

**Answer:** The security concern raised in S3-223018 still applies here, both private IP address and ipDomain could be faked and can be used to impersonate a UE, therefore it is not desirable for the network to rely on unverifiable/unverified information provided by the UE.

# 2 Actions

**To SA6:**

**ACTION:** 3GPP SA3 kindly asks SA6 to take the above into account.

# 3 Dates of next TSG SA WG 3 meetings

SA3#110 20 – 24 February 2023 Athens GR

SA3#110bis-e 17 – 21 April 2023 Online