**3GPP TSG-SA3 Meeting #108-AdHoc-e *draft\_S3-222746-r2***

e-meeting, 10 - 14 October 2022

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

**Response to: FS\_eEDGEAPP Solution for Support of NAT deployed within the edge data network**

**Release: Release-18**

**Work Item: FS\_eEDGEAPP**

**Source: Intel (to be SA3)**

**To: SA6**

**Cc: SA2**

**Contact person: Abhijeet Kolekar / Abhijeet.kolekar@intel.com**

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

**Attachments:** None

# 1 Overall description

SA3 would like to thank the SA6 for their LS on FS\_eEDGEAPP Solution for Support of NAT deployed within the edge data network.

Regarding “*whether there is security issue if the EEC share its private IP address with a trusted 3rd party EES. If yes, could SA3 address security issues related to this”,* SA3 agreed that, in general, it is not desirable for the network to rely on unverifiable/unverified information provided by the UE. The security issue is that such information can be faked and thus can be used to impersonate a UE. Besides, The private IP address should not be shared outside the UE.

Moreover, SA3 has observed that the solution suggested by SA6 is incomplete. A private IP address can be shared by multiple UEs. In order to disambiguate this IP address, additional information needs to be used/provided. Providing/disclosing this – as yet unspecified – additional information may have its own security risks. Without further information on the intended complete solution, however, SA3 cannot assess these risks.

Therefore, SA3 is of the opinion that such solutions should be avoided.

# 2 Actions

**To SA6**

**ACTION:** SA3 would like to ask the SA6 to consider the above reply.

# 3 Dates of next TSG SA WG 3 meetings

SA3#109 14 - 18 November 2022 Toulouse, France

SA3#109-Bis 16-20 January 2023 TBD