**3GPP TSG-SA3 Meeting #104-e *S3-21xxxx***

**e-meeting, 16 – 27 August 2021**

**Title: [Draft]** **Reply LS on Layer-3 UE-to-Network Relay authentication and authorization**

**Response to: LS (S3‑212424/S2-2101623) on Layer-3 UE-to-Network Relay authentication and authorization**

**Release: Rel-17**

**Work Item: FS\_5G\_ProSe**

**Source: SA3**

**To: SA2**

**Cc:**

**Contact person: Wei Zhou**

**zhouwei@catt.cn**

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

**Attachments:** none

# 1 Overall description

SA3 would like to thank SA2 for the LS on Layer-3 UE-to-Network Relay authentication and authorization. 3GPP SA3 has discussed the issues and reached some conclusions, please find the information below:

- SA3 has reached way forward agreements on key distribution between the remote UE and the relay UE. The agreement is: SA3 will support both control plane (based on primary authentication) and user plane (using a PKMF) solutions. Further choices on the co-existence and use cases will be decided in consultation with SA2.

- SA3 has not concluded on secondary authentication and NSSAA yet. SA3 will keep SA2 informed as needed as the work on this aspect progresses.

# 2 Actions

**To SA2**

**ACTION:** 3GPP TSG SA WG3 would like SA2 to take the above feedback into account.

# 3 Dates of next TSG SA WG3 meetings

SA3#105 08 – 12 November 2021 e-meeting