**3GPP TSG-SA3 Meeting #106-e *draft\_S3-220505-r1***

e-meeting, 14 - 25 February 2022

**Title: Draft LS on new reference point name for the interface between PKMF and UDM in 5G ProSe**

**Response to:**

**Release: 17**

**Work Item: 5G\_ProSe**

**Source:** **SA3**

**To:** **SA2**

**Cc:**

**Contact person: Monica Wifvesson (Ericsson)**

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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 defined a new network function named 5G PKMF (5G ProSe Key Management Function) in 5G ProSe. The 5G PKMF can be located within the HPLMN of the Remote UE and the UE-to-network relay respectively for commercial services.

The 5G PKMF needs to contact the UDM asking UDM to de-conceal the SUCI to gain the SUPI, obtain an Authentication Vector (AV) for a UE, or request relay service authorization information from the UDM.

SA3 kindly requests SA2 to define a new reference point name for the interactions between the 5G PKMF and the UDM in 5G ProSe, so that SA3 can update its specification in TS 33.503.

# 2 Actions

**To SA2 group:**

**ACTION:** SA3 kindly requests SA2 to provide a new reference point name for the interactions between the PKMF and the UDM in 5G ProSe architecture**.**

# 3 Dates of next TSG SA WG 3 meetings

SA3#106-Bis 4 - 8 April 2022 electronic meeting

SA3#107 16 - 20 May 2022 electronic meeting