**3GPP TSG-SA3 Meeting #110Ad-Hoc-e *draft\_S3-231758-r1***

Electronic meeting, Online, 17 - 21 April 2023

**Title: Reply LS on LPP message and supplementary service event report over a user plane connection between UE and LMF and LS on UE event reporting over a user plane connection to LCS client or AF**

**Response to: LS S2-2301857 on LS on LPP message and supplementary service event report over a user plane connection between UE and LMF from SA2 and LS S2-2301789 on** **UE event reporting over a user plane connection to LCS client or AF from SA2**

**Release: Rel-18**

**Work Item: 5G\_eLCS\_Ph3**

**Source: SA3**

**To: SA2, RAN2, CT1, CT3, CT4**

**Cc:**

**Contact person: Markus Hanhisalo**

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**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 on LPP message and supplementary service event report over a user plane connection between UE and LMF and the LS on UE event reporting over a user plane connection to LCS client or AF.

SA2 asked the following question to SA3 in S2-2301857:

*SA2 kindly asks SA3 to comment on security information (provided by LMF to UE to establish the user plane connection which subsequently transfer LPP message and supplementary service event report) and security procedures and protocols that might be used between UE and LMF.*

SA2 asked the following question to SA3 in S2-2301789:

*" SA2 asks SA3 to comment on security information and security procedures and protocols that might be used to establish the user plane connection and subsequently report location events over it."*

Answer:

SA3 notes encryption and integrity protection are already defined for user plane bearers, so SA3 believes that these should be suitable for the user plane connection and subsequently report location events over it. In addition, SA3 proposes that a security solution based on TLS between the UE and LMF or AF is used. The TLS protocol profiles for secure support and usage of TLS in 3GPP TS 33.210, clause 6.2, need to be followed. 3GPP has required support of TLS 1.3 since Rel-16. The details can be specified in normative work in Rel-18.

# 2 Actions

**To SA2, RAN2, CT1, CT3 and CT4**

**ACTION:** SA3 asks SA2, RAN2, CT1, CT3 and CT4 groups to take the above information into account.

# 3 Dates of next TSG SA WG 3 meetings

SA3#111 22 - 26 May 2023 Berlin (Germany)

SA3#112 14 -18 August 2023 Goteborg (Sweden)