**TSG SA Meeting #SP-102 SP-231668**

**11 - 15 December, 2023, Edinburgh, Scotland**

**Title: [DRAFT]Reply LS to GSMA on** **Monitoring of Encrypted 5GS Signalling Traffic**

**Response to: LS (S5-237343) to 3GPP re Monitoring of Encrypted 5GS Signalling Traffic, Reply LS (S3-235009/S5-238097) on Monitoring of Encrypted 5GS Signalling Traffic**

**Release: Rel-18**

**Work Item: -**

**Source: TSG SA**

**To: GSMA 5GPKIWP**

**CC: 3GPP SA2, SA5, SA3**

**Contact person: Zou Lan, 3GPP SA WG5 Chair (zoulan@huawei.com)**

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

**Attachments: None**

# 1 Overall description

3GPP SA thanks GSMA 5GPKIWP for the incoming LS to 3GPP SA2, SA3 and SA5 on Monitoring of Encrypted 5GS Signalling Traffic.

3GPP SA is aware that SA3 already sent a reply on this topic to share their opinion from the security perspective. 3GPP SA would like to inform GSMA that SA will coordinate the views across SA2, SA3 and SA5 aimed at addressing mobile operators' implementation issues with the monitoring of their 5GS signalling traffic. 3GPP SA will come up with a consolidated view later after further investigation.

Meanwhile 3GPP SA would like to share the following information with GSMA:

* 3GPP defined Subscriber and Equipment Trace solution documented in TS 32.421, TS 32.422 and TS 32.423 which may be potentially relevant to solution 2 in GSMA incoming Liaison. The Subscriber and Equipment Trace was originally introduced in 3GPP Rel-6 and has been actively maintained and evolved since. Both signalling-based and management-based trace solutions are supported in 3GPP and equally y. In 3GPP Rel-15, with the introduction of Service Based Management Architecture (SBMA), Trace has been extended with the real-time high volume streaming reporting (see 3GPP TSs 28.532 and 32.423). The SBMA specifications do not restrict what entities can play the role(s) of MnS consumer.

3GPP SA would like to ask GSMA 5GPKIWP for their feedback on 3GPP Trace and inform 3GPP about any specific requirements that should be further considered.

# 2 Actions

**To GSMA**

**ACTION:** 3GPP SA kindly asks GSMA 5GPKIWP to take into account the information above, and to share their feedback on 3GPP trace. 3GPP SA would appreciate information about any specific requirements to be further considered.

# 3 Dates of next TSG SA meetings

SA#103 19 - 22 March 2024 Maastricht, NL

SA#104 18 - 21 June 2024 China (TBC)