**3GPP TSG-SA3 Meeting #108e-AdHoc *draft\_S3-222626-r3***

e-meeting, 10 - 14 October 2022

**Title: LS on the data and analytics exchange between two NWDAFs in different PLMNs**

**Response to: LS S2-2207142 on LS OUT to GSMA on the data and analytics exchange between two NWDAFs in different PLMNs from 3GPP SA WG2**

**Release: 18**

**Work Item: FS\_eNA\_Ph3**

**Source: SA3 Meeting #108e-AdHoc**

**To: 3GPP SA WG2**

**Cc: GSMA**

**Contact person: German Peinado**

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

**Attachments:**

# 1 Overall description

SA3 would like to thank SA2 for their LS S2-2207142 on data and analytics exchange between two NWDAFs in different PLMNs in the context of the Rel-18 TR 23.700-81.

SA3's TR 33.738 addresses this issue in KI#1. The study has not been concluded yet, so the provided feedback is preliminary and based on the identified security requirements so far.

**Question 1:** Does SA3 have feedback to the security aspects outlined in the key issue description? For example, are there any privacy and security protection for data and/or analytics exchange between PLMNs (VPLMN and HPLMN) already defined in SA3 or are there any privacy and security issues foreseen when exchange data and/or analytics between PLMNs?

**SA3 response:** KI#1 of TR 33.738 describes the identified threats and potential security requirements with respect to the key issue description of SA2. The security requirements demand in general the 5GS to support confidentiality, integrity and replay protection for data and analytics exchange between PLMNs, and also be able to control the amount of exposed data and to abstract or hide internal network aspects based on operator policy, regulatory constrains and/or roaming agreements. Please note that for eNA there are existing security mechanisms available in the SA3 specifications (TS 33.501, appendix X) to enforce the authorization of the services SA3 will inform SA2 when the conclusions of KI#1 are agreed on.

**Question 2:** Whether it is necessary to verify user consent for UE-specific data and/or analytics by the VPLMN? If so, what scenario required user consent verification? How to verify user consent in roaming scenario in VPLMN?

**SA3 response:** Please note that SA3 has initiated a UC phase 2 study (TR 33.896) where the user consent in roaming scenarios is studied, including eNA (Key Issue #1 "User consent for roaming case in eNA"). SA3 will provide feedback to SA2 once the study has concluded.

# 2 Actions

**To SA2**

**ACTION:** Take the above information in consideration. More detailed information will be provided once the corresponding studies in SA3 (TR 33.738, TR 33.896) are concluded.

# 3 Dates of next TSG SA WG 3 meetings

SA3#109 14 - 18 November 2022 Toulouse (France)

SA3#110e 16 - 20 January 2023 Online (electronic meeting)