**3GPP TSG-SA3 Meeting #103e *S3-211843r1***

**e-meeting, 17 – 28 May 2021** Revision of S3-211843

**Source: China Mobile**

**Title: Execution Step for Data Masking on Integration Analysis**

**Document for: Approval**

**Agenda Item: 4.5**

# 1 Decision/action requested

***This contribution clarifies EN*** ***about the GVNP lifecycle in clause 5.2.5.5.7.1.***

2 Reference

[1] 3GPP TS33.521 v0.3.0, 5G Security Assurance Specification (SCAS); Network Data Analytics Function (NWDAF)

# 3 Rationale

In TS33.521[1], pre-condition, execution steps and expected results of test case for protecting data and information for data masking on integration analysis are not complete. It proposes to specify with following content.

# 4 Detailed proposal

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Start of change \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

4.2.1.2.6 Protecting data and information – Data masking on integration analysis

Requirement Name: Data masking on integration analysis about personal data

Requirement Reference: TBA.

Requirement Description: NWDAF can collect data from UE, NF, OAM, etc. used for analytics. Personal data of the UE’s user are involved also. When NWDAF uses such personal data in analytics with other information together, such data correlation operation could bind more personal information with the user’s identity. Thus, privacy sensitive information about that specific user could be revealed to the person who is allowed to operate data correlation for analytics but not allowed to know the privacy information as the result of data correlation. Therefore, applicable measures (e.g. data masking) shall be applied to mitigate such privacy violation risk.

*Threat References*: TR33.926 [4], clause 5.3.6.7, Personal Identification Information Violation

**Test Name**: TC\_DATA\_MASKING

**Purpose**:

Verify that no privacy information of operators’ users is revealed to the party who is not allowed to have.

**Pre-Condition**:

The vendor shall provide the documentation describing how to create an account for accessing the analytics results.

Privacy information list (should be specified based on local policy, regulation and others)

**Execution Steps**

1. Review the documentation provided by the vendor describing how to create the account for accessing the analytics results provided by the NWDAF.

2. The tester creates the account, and retrieves the analytics results from the NWDAF using the account.

**Expected Results**:

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* End of change \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*