**3GPP TSG SA WG3 Meeting #102bis-e S3-210940R1**

**e-meeting, 1 – 5 March 2021** revision of S3-21xxxx

**Source: FutureWei**

**Title: Evaluation and SCAS instantiation**

**Document for: approval**

**Agenda Item: 2.2**

# 1 Decision/action requested

***This contribution proposes some enhancement and clarification evaluation and SCAS instantiation for the virtualized network product security assurance study.***

# 2 References

[1] S3-210774, 3GPP TR 33.818 v0.a.0, " Security Assurance Methodology (SECAM) and Security Assurance Specification (SCAS)”

[2] 3GPP TR 33.848 v0.6.0, “Study on Security Impact of Virtualisation”

# 3 Rationale

Proposed enhancement and clarification for scope of SECAM SCAS.

# 4 Detailed proposal

# 7 Evaluation and SCAS instantiation

## 7.1 Security Assurance Specification instantiation documents creation

According to gap analysis in clause 4.3, the scope of SECAM evaluation for 3GPP physical network products applies to SECAM evaluation of 3GPP virtualized network products. The SCAS instantiation of the virtualized network product also consists of a set of documents provided by the vendor to give test laboratories and operators the relevant information to understand the critical parts of the network product to be evaluated.

The content of the SCAS instantiation of the GVNP is defined and it contains details on:

- Virtualized Network Product description (e.g. software version, documentation version).

- Scope of evaluation.

- Mapping of SCAS security requirements to the virtualized network product and assets in the virtualized network product.

- References to the applicable document versions containing operational guidance in the documentation of the virtualized network product.

- Information needed to start the Security Compliance Testing, including Basic Vulnerability Testing. For GVNPs of type 1 , the requirements for a NFVI supporting environment (Cf. Clause 5.9 of TR 33.848 [9]) should be included in the information. For GVNP’s of type 2, the requirements of a hardware supporting environment should be included in the information.

- Details of licenses that are required for the product to operate in the scope of evaluation (if relevant).

The above document set is updated by the vendor until the testers (Security Compliance Testing, Basic Vulnerability Testing) consider they have enough and correct information to execute the required tests. Details on the content of these documents and of the update process are provided in clause 7.2.2.