**3GPP TSG-SA3 Meeting #123 S3-252993r1**

**Goteborg, Sweden, 25 – 29 August 2025 merger of S3-252549 and S3-252551**

**Source: China Mobile, AT&T, Vodafone, T-Mobile US, NTT DOCOMO, BT, Verizon, Telecom Italia, Charter Communications, Deutsche Telekom, IIT Bombay, KDDI**

**Title: pCR to TS 33.502 - Collection requirements for Security related Events**

**Document for: Approval**

**Agenda item: 5.1.1**

**Spec: 3GPP TS 33.502**

**Version: 0.0.1**

**Work Item: SECHAND**

**Comments**

Based on approved WID (SP-250876), the working task needs to specify the general requirements for security events handling and collection.

In WT2, it will specify the events that need to be reported including the following.

- The NF collects information on the SBA layer about malformed messages it receives that deviate from the 3GPP specified messages or are considered invalid according to the protocol specification and network state.

- The NF collects information about events involving receiving a massive number of incoming messages on the SBA layer.

- The NF collects information about failed authentication and authorization attempts from inbound connections on the SBA layer.

- The NF collects information about potential replay attacks on the SBA layer.

- The NF collects information about potential abnormal SBI call flows as defined for the communication models in Annex E of TS 23.501.

It is proposed to add security requirements for collection of security related events.

\* \* \* First Change \* \* \* \*

# 5 Requirements on Security related events

Editor’s Note: This clause addresses the general requirements on configuration, collection and communication of events.

## 5.x Requirements on events storage

The NFs in the 5G system shall support the generation of security related events.

Security related events data shall be secure stored with confidentiality, integrity and replay protection.

Security related events data shall be access with authorization.

\* \* \* End of Changes \* \* \* \*