**3GPP TSG-SA5 Meeting #158 *S5-247073***

Orlando, USA, 18 - 22 November 2024

**Source: Nokia**

**Title: Rel-19 pCR TS 28.abc Clarify requirements for controlling the monitoring of signalling**

**Document for: Approval**

**Agenda Item: 6.19.22 MonStra**

# 1 Decision/action requested

***The group is requested to discuss and approve the pCR below.***

# 2 References

[1] 3GPP TS 28.abc V0.1.0 Signalling traffic monitoring management

# 3 Rationale

In order to design management interfaces that fulfill the expectations, it is important to define a set of requirements that is based on a deep understanding of the system to be managed.

Thereore the present pCR proposes to clarify the requirements for the 3GPP management system to control sending of copied signalling messages.

# 4 Detailed proposal

The following changes are proposed to TS 28.abc [1].

|  |
| --- |
| **Begin of modifications** |

2 References

The following documents contain provisions which, through reference in this text, constitute provisions of the present document.

- References are either specific (identified by date of publication, edition number, version number, etc.) or non‑specific.

- For a specific reference, subsequent revisions do not apply.

- For a non-specific reference, the latest version applies. In the case of a reference to a 3GPP document (including a GSM document), a non-specific reference implicitly refers to the latest version of that document *in the same Release as the present document*.

[1] 3GPP TR 21.905: "Vocabulary for 3GPP Specifications".

[a] 3GPP TS 23.501: “System Architecture for the 5G System”.

|  |
| --- |
| **Next modification** |

# 4 Signalling traffic monitoring management capabilities (stage 1)

### The 3GPP management system shall have the capabilities as listed in the following table.

| Requirement label | Description | Related use case(s) |
| --- | --- | --- |
| **REQ-SM-FUN-1** | The 3GPP system shall have the capability to send copies of the 5G Core control plane signalling messages, of selected interface(s) of selected NF(s), to an external entity that collects these signalling messages. | Signalling Traffic Monitoring Streaming |
|  |  |  |
| **REQ-SM-FUN-2** | Authorised consumers shall have the capability to control (to configure, to enable, and to disable) sending copies of the 5G Core control plane signalling messages to the external collecting entity. | Signalling Monitoring Activation  Signalling Monitoring Termination |
| **REQ-SM-FUN-3** | The 3GPP system shall have the capability to send the copies of the 5G Core control plane signalling messages in a reliable or unreliable manner | Signalling Traffic Monitoring Streaming |

|  |
| --- |
| **End of modifications** |