**3GPP TSG-SA WG6 Meeting #62 S6-243370**

**Maastricht, Netherlands, 19th – 23rd August 2024 (revision of S6-243023)**

**Source: FirstNet Authority, Ericsson, Nokia, AT&T**

**Title: Pseudo-CR on new key issue to evaluate the existing IOPS work**

**Spec: 3GPP TR 23.700-09, v0.1.0**

**Agenda item: 8.8**

**Document for: Approval**

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**1. Introduction**

This key issue proposes studing the existing IOPS functional model described in 3GPPTS 23.180 and to determine what changes may be needed to use it as a generic IOPS functional model.

**2. Reason for Change**

A lot of good work has been completed for the original IOPS technical specification (3GPP TS 23.180) that was defined to support 4G networks. In order to have the connectivity of mission critical services have been defined to be agnostic to the type of network access (TN, NTN,N3GPP), the lesson learned and work done in previous specficiations are used as a baseline for this study.. Therefore, this KI proposses to review existing work for applicability.

**3. Conclusions**

n/a

**4. Proposal**

It is proposed to agree the following changes to 3GPP TR 23.700-09, v0.1.0.

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

### 4.1.4 Key issue X evaluate the existing IOPS work

#### 4.1.4.1 Description

3GPP completed the initial IOPS work based on EUTRAN as part of release 17 in 3GPP TR 23.778 [6] and 3GPP TS 23.180 [23180]. The lesson learned and work done in these specifications can be studied and considered in having a generic IOPS functional model and procedures that are agnostic to the 3GPP network access under consideration.

Further study is needed to:

- Review and evaluate existing work in the current IOPS technical specification 3GPP TS 23.180 [7] and determine if the exiting baseline in TS 23.180 [7] can be used in the generic IOPS model.

- Provide a summary which solutions from 3GPP TS 23.180 [7] are already suitable for a generic IOPS model: which can be used but require changes and which cannot be re-used for generic IOPS and must be re-written.

- Consider the three main requirements (isolated, i.e., no connectivity, limited connectivity, and nomadic deployment) into account when constructing a generic IOPS model and procedures.

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