**3GPP TSG-SA5 Meeting #145-e *S5-225403***

**e-meeting, 15 - 24 August 2022**

**Source: MATRIXX Software**

**Title: pCR TR 32.847** **Convert the Key issue#9 into background**

**Document for: Approval**

**Agenda Item: 7.5.1**

# 1 Decision/action requested

**This pCR is to Convert the Key issue#9 into background**

# 2 References

[1] 3GPP TR 32.847 "Study on Charging Aspects for Network Slicing Phase 2"

# 3 Rationale

This pCR is to Convert the Key issue#9 into background.

The Key issue#9 is proposed to be relocated in background chapter to avoid introducing any ambiguity in the future.

Although it is introduced in clause 4.4 Network Slice Performance and Analytics Charging, the concept of "maximum" as used by OAM (i.e. maximum nbs reached, calculated from measurements at different intervals) has not been introduced in any solutions.

The indicated preferences are resolved with the provided definitions.

# 4 Detailed proposal

The following changes are proposed to be incorporated into TR 32.847 [1]

|  |
| --- |
| **First change** |

##  4.x Different types of maximum

There are today three definitions of the maximum:

* In the GSMA GST, GSMA 5GJA NG.116 [6], it is possible to specify the maximum number UEs and PDU sessions allowed to of simultaneous use a network slice.
* The NSACF, 3GPP TS 23.501 [7] clause 5.15.11, allows for monitoring and controlling the number of registered UEs per network slice and the number of PDU Sessions per network slice.
* The OAM, 3GPP TS 28.554 [14] clauses 6.2.6 and 6.4.5, measures the number of UEs or PDU sessions on a network slice at specific interval and may give the maximum value of these.

From this it can be noticed that the GSMA and NSACF are aligned in the definition as it may control the maximum as well as monitoring it, the OAM is more of a measurement where samples are taken at certain interval and after that there may be a maximum or median value calculated for a period. This means in the OAM case that the values may have been higher than the reported one if the sample was taken before and after a peak.

|  |
| --- |
| **End of changes** |