**3GPP TSG-SA5 Meeting #146Bis-e *S5-231096rev1***

**Electronic meeting, 16 - 19 January 2023**

**Source: MATRIXX Software**

**Title: pCR TR 32.847 Refinement on evaluation and conclusion for Key Issue #7**

**Document for: Approval**

**Agenda Item: 7.5.1**

# 1 Decision/action requested

**This pCR is to** **refine the evaluation and conclusion for Key Issue#7**

# 2 References

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

[2] 3GPP TS 32.255: "5G data connectivity domain charging; Stage 2".

# 3 Rationale

This pCR is to refine the evaluation and conclusion for Key Issue #7.

The current conclusion for Key Issue #7 relates to Combined UE CCS - Tenant CCS option, which is already described in Rel-17 in Annex D of TS 32.255 [2] (i.e. like a partial conclusion).

It is therefore proposed to have a final conclusion with a full solution.

# 4 Detailed proposal

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

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| **First change** |

### 6.7.5 Evaluation

All solutions #7.1, #7.2, #7.3, and #7.4 solve Key Issue #7.

Solutions #7.1 and #7.2 involve UE CCS, whereas solutions #7.3 and #7.4 are independant from UE CCS.Since it is expected for a UE to always be served by a UE CCS, Tenant may be served by different UE CCS(s), at least one of the solutions between solution #7.1 and #7.2 or both of them are relevant.

It can also be noted that solutions #7.1 and #7.2 have a simplified option described by existing TS 32.255 [9] Annex D with the Combined UE CCS - Tenant CCS when the Communication Service Provider (CSP) and Network Slice Provider (NSP) are the same.

The difference between Solution 7.1 and Solution 7.2 is the handling of the NS duration by the Tenant CCS: the Solution #7.2 relies on post-processing analysis of CDRs, whereas the Solution #7.1 needs the Tenant CCS to be enhanced to support the calculation of NS duration in real-time.

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| **Next change** |

### 6.7.6 Conclusions

It is concluded on solution #7.2 to be normative work, with interface between UE CCS and Tenant CCS per conclusion for Key Issue #x in clause 6.x.5.

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| **End of change** |