**3GPP TSG-SA5 Meeting #146Bis-e *S5-231099rev2***

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

**Source: MATRIXX Software**

**Title: pCR TR 32.847 Add a solution for Key Issue #x - new charging service API**

**Document for: Approval**

**Agenda Item: 7.5.1**

# 1 Decision/action requested

**This pCR is to** **add a solution for Key Issue #x - new charging service SBI between UE CHF and Tenant CHF**

# 2 References

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

# 3 Rationale

This pCR is to add a solution for Key Issue#x - new charging service SBI between UE CHF and Tenant CHF.

# 4 Detailed proposal

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

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

### 6.x.3 Solution #x.2 New charging service API between UE CHF and Tenant CHF

#### 6.x.3.1 General description

This solution is based on the introduction of a new charging service API between UE CHF and Tenant CHF to address the Key Issue #x.

UE CHF is the "NF service consumer" of this new charging service exposed by NS Tenant CHF (the NF service producer).

The charging service simultaneously includes both UE level and NS level charging information.

#### 6.x.3.2 Architecture description

Same architecture as clause 6.x.2.2

#### 6.x.3.3 Flow description

The flows between UE CHF - Tenant CHF are described in clauses 6.3.2.3, 6.6.2.3, 6.6.3.3, 6.6.x.3, 6.7.1.3 and 6.7.2.3, with "ChS Charging service Request" replaced by the new charging service.

In the flows, between the UE CHF and Tenant CHF, in addition to the S-NSSAI, a "Tenant Id" is considered for shared NS scenarios.

|  |
| --- |
| **End of change** |