**3GPP TSG-SA5 Meeting #159 *S5-25xxxx***

Sophia-Antipolis, France, 17 - 21 February 2025

**Source: Nokia**

**Title: pCR TR 28.849 Use Case for Topic#3**

**Document for: Approval**

**Agenda Item: 7.5.2**

# 1 Decision/action requested

***This is a pCR to TR 28.849 introducing a new Use Case for Topic #3.***

# 2 References

[1] 3GPP TR 28.849 "Study on charging aspects for Common API Framework for Northbound APIs (CAPIF) phase2".

# 3 Rationale

This pCR proposes to introduce a new Use Case for Topic #3 in TR 28.849 [1].

# 4 Detailed proposal

Propose to include the following changes into the TR 28.849 [1].

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| **First change** |

#### 6.3.2.X Use Case #3.X API Invocation via CAPIF

The service API invokers (e.g. the 3rd party application provider) and the CAPIF providers (e.g. Operators) has the service agreement about the API invocations.

The API invoker can perform one or multiple service API invocation to CAPIF. Either CAPIF or API Provider can support through CAPIF Core Function the possibility to charge API-level objects which can be considered as resources as referred in TS 23.222 [2], which could be categorized by different type of objects. CCF can collect the charging information based on the following chargeable events, according to the service procedure specified in the TS 23.222 [2] Service API invocation, for example:

- the API invocation, e.g. API invoker identifier, timestamp of API invocations

- the resources created, deleted or accessed.

- service KPIs, e.g. connection bandwidth.

- Subscription, un-subscription and notifications for the CAPIF events (e.g. API notification for the Monitoring service API invocation) as specified in the TS 23.222 [2] clause 8.8.

- Revoking subscription of the CAPIF events, as specified in the TS 23.222 [2] clause 8.9.

The charging party: the CAPIF providers., API Provider

The charged party: the API invoker.

The potential charging requirements for this UC is: REQ-3GPPCH-APIInvo-02.

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| **End of changes** |