**3GPP TSG-SA5 Meeting #129e *S5-201246***

**e-meeting, 24 February – 4 March 2020**

**Source: Ericsson**

**Title: Addition of CSIF and CHF flows**

**Document for: Approval**

**Agenda Item: 7.4.3**

# 1 Decision/action requested

***Adding the following changes to TS 28.201***

# 2 References

[1] 3GPP TS 32.290: "Telecommunication management; Charging management; 5G system; Services, operations and procedures of charging using Service Based Interface (SBI).

# 3 Rationale

Addition of flows between CSIF and CHF based on TS 32.290 [1], for the interaction with NWDAF this interaction is still FFS.

# 4 Detailed proposal

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| **First change** |

#### 5.2.2.2 Analytics and performance charging from CSIF

##### 5.2.2.2.1 General

The clause below describes analytics and performance charging from CSIF scenarios.

##### 5.2.2.2.2 General analytics and performance charging – PEC

The following figure 5.2.2.2.2 describes analytics and performance charging:



Figure 5.2.2.2.2: Analytics and performance reporting

**1) Collection of resource usage information:** Collection of information related to the network slice analytics and performance is done by the CSIF.

**2) Trigger condition met:** the CSIF determines based on the collected information that a report of charging information to the CHF is needed.

**3) Charging Data Request [Event]:** The CSIF generates charging data related to the collected information and sends the charging data request for the CHF to process the store related charging data for CDR generation purpose.

**4) Create CDR:** the CHF stores received information and creates a CDR related to the event.

**5) Charging Data Response [Event]:** The CHF informs the CSIF on the result of the request.

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| **Second change** |

#### 5.2.2.3 Network data analytics subscription from NWDAF

##### 5.2.2.3.1 General

The clause below describes network data analytics subscription scenarios.

Editor’s note: The need for specific flows or if the flows in TS 23.288 can be referenced is FFS.

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| **End of changes** |