**3GPP TSG-CT WG3 Meeting #118eC3-215218**

**E-Meeting, 11th – 25th October 2021**

**Source: Huawei**

**Title: Pseudo-CR on Procedure for Expected UE behavioural parameters related network data analytics**

**Spec: 3GPP TS 29.552 v0.3.0**

**Agenda item: 17.23**

**Document for: Approval**

**1. Introduction**

N/A.

**2. Reason for Change**

The procedure for Expected UE behavioural parameters related network data analytics is incomplete.

**3. Conclusions**

Implement the procedure for Expected UE behavioural parameters related network data analytics.

**4. Proposal**

It is proposed to agree the following changes to 3GPP TS 29.552 v0.3.0.

\* \* \* First Change \* \* \* \*

### 5.7.8 Expected UE behavioural Analytics

This procedure is used by the NF to obtain the expected UE behavioural parameters, which are calculated by the NWDAF based on the information collected from the AMF, SMF, AF and/or OAM. If the NF is an AF which is untrusted, the AF will request analytics via the NEF as described in clause 5.2.3.2.



Figure 5.7.8-1: Procedure for Expected behavioural Analytics

1a. In order to obtain the expected UE behavioural parameters, the NF may invoke Nnwdaf\_AnalyticsInfo\_Request service operation as described in clause 5.2.3.1.

1b-1c. In order to obtain expected UE behavioural parameters, the NF may invoke Nnwdaf\_EventsSubscription\_Subscribe service operation as described in clause 5.2.2.1.

2a. If the event is set to "UE\_MOBILITY", the NWDAF collects data from AMF, AF and/or OAM as described in clause 5.7.6 from step 2a to step 9.

2b. If the event is set to "UE\_COMM", the NWDAF collects data from AMF, SMF and/or AF as described in clause 5.7.7 from step 2a to step 9d.

3. The NWDAF calculates the expected UE behavioural parameters based on the collected data from AMF, SMF, AF and/or OAM.

4a. If step 1a is performed, the NWDAF responds to the Nnwdaf\_AnalyticsInfo\_Request service operation as described in clause 5.2.3.1.

4b-4c. If step 1b and step 1c are performed, the NWDAF invokes Nnwdaf\_EventsSusbcription\_Notify service operation as described in clause 5.2.2.1.

5a-5b. The AMF, SMF, AF and/or OAM send the notifications to the NWDAF if it has subscribed to the related events in step 2a or step 2b.

6. The same as step 3.

7a-7b. The same as step 4b and step 4c.

\* \* \* End of Changes \* \* \* \*