3GPP TSG-RAN WG3 Meeting #110-e R3-207105

E-meeting, 2 – 12 Nov 2020

**Title:** [DRAFT] **LS on PDU Session level "Expected UE activity behaviour"**

**Response to:**

**Release: Rel-15**

**Work Item:**

Source: Huawe [will be RAN3]

**To: SA2**

**Cc:**

**Contact person: Feng Han**

 **hanfeng3 (at) huawei (dot) com**

**Send any reply LS to: 3GPP Liaisons Coordinator,** **mailto:3GPPLiaison@etsi.org**

**Attachments:**

# 1 Overall description

RAN3 has discussed whether to introduce the PDU session level “Expected UE Activity Behaviour” from the AMF to NG-RAN since only the UE level “Expected UE Activity Behaviour” is currently considered.

During the discussion, RAN3 discussed two possible interpretations regarding the descriptions in section 5.4.6.2 of TS 23.501.

* **Interpretation 1**: Both the UE level and PDU session level “Expected UE Activity Behaviour” are provided to the NG-RAN, then the NG-RAN performs the aggregation.
* **Interpretation 2**: only the UE level “Expected UE Activity Behaviour” is provided to the NG-RAN. Before that, the AMF performs the aggregation of PDU session level “Expected UE activity behaviour” into UE level.

Also, especially in case of interpretation 1, it is not clear which exact Expected UE Activity Behaviour parameters are expected to be sent to NG-RAN at UE-level on one side and at PDU-session level on the other side, especially in relation to the table 4.15.6.3-1 of TS 23.502. Currently the Expected UE Activity Behaviour includes the Expected Activity Period, Expected Idle Period and Source of UE Activity Behaviour Information in RAN specification.

RAN3 kindly asks SA2 to feedback which interpretation(s) is/are the correct interpretation, and also which exact set of parameters is involved to be sent at which level, so that RAN3 can decide whether/how to update the corresponding specifications.

# 2 Actions

**To SA2**

**ACTION:** RAN3 kindly asks SA2 to feedback the above question on the UE-level and PDU Session-level "Expected UE activity behaviour".

# 3 Dates of next RAN3 meetings

RAN3#111-e 25 Jan – 05 Feb Online

RAN3#112-e 17 May – 28 May Online