**3GPP TSG-RAN2 Meeting #116-e *R2-21xxxxx***

Electronical meeting, 1st- 12th November 2021

**Title: [Draft] LS on SA4 requirements for QoE**

**Release:** Rel-17

**Work Item:** NR\_QoE-Core

**Source:** Ericsson (To be RAN2)

**To:** SA4

**Cc:** RAN3

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**Attachments:**

**1. Overall description:**

RAN2 has discussed the LSes S4-211062/R2-2106945 and S4-211248/R2-2109384 and the requirement specified in TS 26.247 clause 10.1:

*“The QoE configuration shall only be checked by the client when each session starts, and thus all logging and reporting criterias for an ongoing session shall be unaffected by any QoE configuration changes received during that session. This also includes evaluation of any filtering criterias, such as geographical filtering, which shall only be done when the session starts. Thus changes to the QoE configuration will only affect sessions started after these configuration changes have been received.”*

In RAN2, there are different interpretations of the reply and requirement. Therefore, RAN2 has some questions for clarification to SA4.

Question 1: What is the meaning and motivation for the above-mentioned requirement in clause 10.1 of TS 26.247?

Question 2: Does the requirement copied above mean that the QoE client should continue QoE measurements and reporting for ongoing sessions even when the UE moves out of the QoE area scope, or does it mean the geographical filtering ***change*** does not affect ongoing session filtering i.e. the old geographical filtering instead of the new geographical filtering is applicable for ongoing sessions?

Question 3: Is there a difference from QoE session continuity point of view between release caused by the UE moving out of area and release caused by some other reasons?

Questions 4-8: RAN2 has noticed the LocationFilter in the Quality Reporting Scheme for DASH in chapter 10.5 in 26.247. Can this LocationFilter be used to fulfil the requirement in clause 10.1, if the requirement is confirmed? Is the application aware of the UEs current cell? What is the difference between the geographical area handled in RAN and the geographical area handled in the application by means of LocationFilter? Are both location filter and RAN based filtering needed? Is LocationFilter available only for DASH or also for MTSI and other service types?

See also LS R3-212976 with RAN3 agreement on area handling for QoE i.e. the network is responsible for keeping track of whether the UE is inside or outside the area and the network configures/releases configuration accordingly

**2. Actions:**

**To 3GPP SA4**

**ACTION:**

RAN2 respectfully asks SA4 to reply to RAN2 on the questions above.

**3. Date of next TSG RAN WG2 meetings:**

RAN2#116-bis 17th January - 25th January 2022 Online

RAN2#117 21st February - 3rd March 2022 Online