**3GPP TSG-RAN WG2 Meeting #121 R2-23xxxxx**

**Athens, Greece, 27th of Feb – 3rd of Mar 2023**

**Title: [DRAFT]** LS on buffer level threshold-based RVQoE reporting

**Response to:**

**Release:** Release 18

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

**Source:** Apple [RAN2]

**To:** SA4

**Cc:** RAN3

**Contact Person:**

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**Attachments:** -

**1. Overall Description:**

RAN3 has agreed to introduce buffer level threshold-based triggering of RVQoE reporting in Rel-18, and RAN2 has further discussed whether triggering of RVQoE reporting based on buffer level should be handled by APP layer or AS layer.

Buffer level threshold-based triggering of RVQoE reporting by either APP layer or AS layer is feasible, but RAN2 prefers APP layer triggering.

* With APP layer triggering, APP layer provides RVQoE measurements to AS layer when the measured buffer level satisfies the buffer level threshold configured by gNB, and the AS layer reports to gNB the RVQoE measurements received from the APP layer.
* With AS layer triggering, APP layer provides RVQoE measurements to AS layer according to the configured reporting periodicity (i.e. Rel-17 RVQoE reporting mechanism is reused), and the AS layer reports to gNB the RVQoE measurements when the received buffer level measurements satisfy the buffer level threshold configured by gNB.

RAN2 would like to ask SA4 whether APP layer can support triggering of buffer level threshold-based RVQoE reporting.

**2. Actions:**

**To SA4 group.**

**ACTION:** RAN2 respectfully asks SA4 whether APP layer can support triggering of buffer level threshold-based RVQoE reporting.

**3. Date of Next TSG-RAN2 Meeting:**

3GPP RAN2#121bis from 2023-04-17 to 2023-04-26 Electronic Meeting

3GPP RAN2#122 from 2023-05-22 to 2023-05-26 Incheon, KR