3GPP TSG-RAN WG3 #112-e R3-212953

Online, 17th – 27th May 2021

**Title:** LS on requirement for configuration changes of ongoing QMC sessions

Response to:

**Release:** Rel-17

**Work Item:** NR\_QoE

**Source:** RAN3

**To:** SA4

**Cc:** SA5, RAN2

**Contact Person:**

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

**Attachments:** -

**1. Overall Description:**

RAN3 is discussing, in the context of NR QMC, the following SA4 requirement described in TS 26.114 clause 10.1, TS 26.247 clause 16.3, which was defined for QMC in UMTS and LTE.

 *“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.”*

RAN3 is also aware that QMC support for NR is not yet defined in SA4 via the LS R3-210041 (S4-201576): "*Currently SA4 has only specified QMC functionality (for QoE configuration and reporting) for UMTS and LTE. When the RAN3 NR QoE work has concluded, SA4 will also expand the specified QMC support to include 5G NR accordingly*."

RAN3 have the following questions:

Q1: Will the requirement for configuration changes of ongoing QMC sessions be applicable also for NR QMC?

Q2: Does “QoE configuration changes” also include a QoE configuration **release** scenario i.e. should logging and reporting criteria for ongoing session be unaffected even if the client receives a release of the QoE configuration?

Q3: If the answer to Q2 is no, can RAN3 assume that QMC configuration release can be used to stop QoE measurement collection and reporting, even in the middle of an application session?

**2. Actions:**

**To SA4.**

**ACTION:** RAN3 respectfully asks SA4 to reply to Q1-Q3 above.

**3. Date of Next TSG-RAN WG3 Meetings:**

TSG-RAN3 Meeting #113-e 17th – 28th August 2021

TSG-RAN3 Meeting #114-e 1st – 12th Nov 2021