

CB: # QoE1_Workplan_BLCRs_RAN3_114bis-e - Version 0.0.3
RAN3

3GPP TSG RAN3 meeting #114bis-e R3-221035

17 - 26 January 2022- Online

Agenda Item: 15.1

Source: China Unicom (moderator)

Title: CB: # QoE1_Workplan_BLCRs

Document for: Discussion

1 Introduction

CB: # QoE1_Workplan_BLCRs

- **Check LS from RAN2**
- **Check work plan, rev R3-220727 if needed**
- **Agree TP in R3-220733?**
- **Endorse BL CRs if agreeable**

(CU - moderator)

[NWM] Summary of offline disc R3-221035

There are 9 contributions[1]-[9] submitted in this sub-item.

2 For the Chairman's Notes

Propose the following:

Note the work plan.

Agree TP in R3-220733.

Endorse R3-221208 (revision of R3-220040) as BL CR.

Endorse R3-220042 as BL CR.

Endorse R3-220074 as BL CR.

Endorse R3-220075 as BL CR.

3 Discussion

3.1 LS from RAN2

The LS R3-220113 [6] is sent to SA4 and cc RAN3. RAN2 asks 8 questions for clarification to SA4. The questions are:

Q1: What is the meaning and motivation for the “*changes to the QoE configuration will only affect sessions started after these configuration changes have been received*” requirement in clause 10.1 of TS 26.247

Q2: 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

Q3: 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?

Q4-8: 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.

Feedback Form 1: Please fill in the table in case you have any comment on the LS from RAN2.

<p>1 – ZTE Corporation</p> <p>This is an LS cc RAN2, and it can be assumed that no further action needs to be done by RAN3.</p>
<p>2 – ZTE Corporation</p> <p>Sorry for the typo in my previous comment. This is an LS cc RAN2RAN3.</p>

3.2 Work Plan

The work plan in R3-220727[7] is updated to provide the objectives for each working group and summarize the interdependence work tasks for RAN3 efforts.

Feedback Form 2: Please fill in the table in case you have any comment on the work plan.

1 – ZTE Corporation
We are fine.

3.3 TP for BLCR 38.300

R3-220733[8] merges RAN2 running CR for 38.300 to introduce NR QoE which was agreed in RAN2#116e meeting.

Feedback Form 3: Please fill in the table in case you have any comment on this TP.

1 – ZTE Corporation
We are fine.

3.4 BLCRs

The following BLCRs are submitted for endorsement.

Table 1:

R3-220040	(BL CR for TS38.473) Support of QoE information transfer (Samsung)	CR0826r3, TS 38.473 v16.8.0, Rel-17, Cat. B
R3-220042	CR TS 38.423 Mobility Support for NR QoE Measurement Collection (Ericsson)	CR0639r5, TS 38.423 v16.8.0, Rel-17, Cat. B
R3-220074	BLCR to 38.300 (China Unicom, Ericsson, ZTE)	draftCR
R3-220075	BLCR to 38.410: Support of QoE Measurement Collection for NR (Nokia, Nokia Shanghai Bell)	CR0034r2, TS 38.410 v16.4.0, Rel-17, Cat. B
R3-220080	CR to 38.413 on Introduction of QoE measurement (Huawei, China Mobile, China Unicom, Ericsson, Samsung)	CR0615r6, TS 38.413 v16.8.0, Rel-17, Cat. B

3.4.1 BLCR to 38.473

R3-220040[1], which is revised to R3-221208[9], is proposed as BLCR to 38.473 for the support of QoE information transfer with adding ANS.1.

Feedback Form 4: Please fill in the table in case you have any comment on the BLCR to 38.473.

1 – ZTE Corporation

We are fine.

3.4.2 BLCR to 38.423

R3-220042[2] is proposed as BLCR to 38.423 for Mobility support for NR QoE measurement collection.

Feedback Form 5: Please fill in the table in case you have any comment on the BLCR to 38.423.

1 – ZTE Corporation

ok.

3.4.3 BLCR to 38.300

R3-220074[3] is proposed as BLCR to 38.300 for introduction of QoE measurements in NR based on the agreements we have achieved so far.

Feedback Form 6: Please fill in the table in case you have any comment on the BLCR to 38.300.

1 – ZTE Corporation

We are OK.

3.4.4 BLCR to 38.410

R3-220075[4] is proposed as BLCR to 38.410 for introduction of QMC function and QMC procedures.

Feedback Form 7: Please fill in the table in case you have any comment on the BLCR to 38.410.

1 – ZTE Corporation

We are fine.

3.4.5 BLCR to 38.413

R3-220080[5] is proposed as BLCR to 38.413 for introducing the support of NR QoE measurement over NG interface.

Feedback Form 8: Please fill in the table in case you have any comment on the BLCR to 38.413.

1 – ZTE Corporation

Fine.

4 Conclusion

if needed

5 Reference

- [1] R3-220040 (BL CR for TS38.473) Support of QoE information transfer (Samsung)
- [2] R3-220042 CR TS 38.423 Mobility Support for NR QoE Measurement Collection (Ericsson)
- [3] R3-220074 BLCR to 38.300 (China Unicom, Ericsson, ZTE)
- [4] R3-220075 BLCR to 38.410: Support of QoE Measurement Collection for NR (Nokia, Nokia Shanghai Bell)
- [5] R3-220080 CR to 38.413 on Introduction of QoE measurement (Huawei, China Mobile, China Unicom, Ericsson, Samsung)
- [6] R3-220113 LS on SA4 requirements for QoE (RAN2)
- [7] R3-220727 Updated Workplan for Rel-17 NR QoE (China Unicom)
- [8] R3-220733 (TP to TS38.300) NR QoE to merge RAN2 agreements (China Unicom)
- [9] R3-221208 (BL CR for TS38.473) Support of QoE information transfer (Samsung)

