3GPP TSG-RAN WG3 Meeting #111-e R3-211012

E-meeting, 25 January – 4 February, 2021

**Agenda item: 15.2**

**Source: Nokia (moderator)**

**Title: CB: # NRQoE2-Mobility - Summary of email discussion**

**Document for: Approval**

# 1 Introduction

This paper provides summary of discussions at RAN#111-e on:

**CB: # NRQoE2-Mobility**

**- Remove FFS on “Management-based QoE measurement shall not overwrite a corresponding signalling-based existing configuration”?**

**- Whether to exchange management-based QoE measurement configuration between source and target at mobility? No, CATT, Nokia, ZTE, HW, CMCC**

**- Framework type indication at mobility?**

**- How to support supporting QoE measurements in mobility scenarios fulfilling SA4 requirements i.e., avoid stopping a QoE measurement for an ongoing session, even if the UE moves across area boundaries?**

**- Sending the release command to the UE upon the UE’s moving outside the configured area for QoE measurement?**

**- Support inter-RAT mobility in R17? Support inter-system mobility in R17? If yes, how to support? How to handle the case when the target RAT/system does not support QoE measurement signalling?**

**- Support MR-DC scenario in R17? If yes, how to support?**

**- Capture agreements as TP for TR**

(Nok - moderator)

**If possible, please provide comments for phase 1 by Friday, Jan. 28, EOB so we can check whether clear phase 1 agreements can be formulated and in that case also start preparing phase 2 (TP for the TR) before the online session on Tuesday, Feb. 2.**

# 2 For the Chairman’s Notes

[To be completed]

# 3 Discussion

## 3.1 Phase 1

### 3.1.1 Issue 1 - Measurement reporting continuity in intra-RAT mobility scenarios

The following questions captured by the chairman relate to measurement reporting continuity in intra-RAT mobility scenarios. These questions are:

**- Whether to exchange management-based QoE measurement configuration between source and target at mobility? No, CATT, Nokia, ZTE, HW, CMCC**

**- How to support ~~supporting~~ QoE measurements in mobility scenarios fulfilling SA4 requirements i.e., avoid stopping a QoE measurement for an ongoing session, even if the UE moves across area boundaries?**

**- Sending the release command to the UE upon the UE’s moving outside the configured area for QoE measurement?**

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### 3.1.2 Issue 2 - Measurement reporting continuity in inter-RAT mobility scenarios

**- Support inter-RAT mobility in R17? Support inter-system mobility in R17? If yes, how to support? How to handle the case when the target RAT/system does not support QoE measurement signalling?**

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### 3.1.3 Issue 3 - Management-based QoE configuration overwriting a corresponding signalling-based existing configuration

**- Remove FFS on “Management-based QoE measurement shall not overwrite a corresponding signalling-based existing configuration”?**

**- Framework type indication at mobility? (i.e., “signalling based” or “management based”)**

Discussion can be found in (at least) 0529 and 0847. Do we need any solution to avoid that a new management-based QoE configuration overwrites a signalling-based configuration? Comment on the solution proposed in 0529? Any other solution? The topic has mobility impact but also seems linked to whether to support or not multiple QoE configurations in the UE which might be in the scope of the CB NRQoE3-RANConfig\_Report.

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### 3.1.2 Issue 4 - MR-DC scenario

**- Support MR-DC scenario in R17? If yes, how to support?**

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## 3.2 Phase 2 - TP handling

TBD

# 4 Conclusion, Recommendations [if needed]

If needed

# 5 References

[1] R3-21xxxx, Title, Company