**3GPP TSG-RAN WG3 Meeting #120R3-2333353**

**Incheon, Republic of Korea, May 22nd – 26th 2023**

Agenda Item: 11.3

Source: Ericsson (moderator)

Title: Summary of offline discussion on QoE measurements for NRDC

Document for: Approval

# Introduction

These are the proposals resulting from the offline discussion on QoE measurement support for NR-DC, and the subsequent discussion over the reflector.

# For the Chairman notes

**TBW**

# Proposals and TBCs after the offline discussion

### **QoE measurement configuration**

**Proposal 1-1: When management-based QoE configuration received directly by the SN from the OAM, the SN can explicitly indicate to the MN whether it is going to receive the QoE/RVQoE reports via the SRB5.**

**Proposal 1-2: When management-based QoE configuration received directly by the SN from the OAM, the SN can explicitly indicate to the MN whether it is going to receive the QoE/RVQoE reports:**

* **Via the SRB4, where the MN extracts the report container and forwards to the SN.**
* **Via the SRB4, where the reports transparently traverse the MN.**

**FFS whether:**

* **For management-based QoE, the SN can explicitly indicate to the MN whether it wants to configure the UE via SRB3.**
* **For management-based QoE, the SN can explicitly indicate to the MN whether it wants to configure the UE transparently for the MN via SRB1.**

### **QoE measurement reporting**

**Proposal 2: RAN3 understanding is that the UE is explicitly instructed how to send the QoE and RVQoE reports.**

### **RVQoE coordination**

**Proposal 3-1: When the RVQoE-configuring node receives an RVQoE report and determines that the non-RVQoE-configuring node provides the bearer(s) for the application session:**

* **The RVQoE-configuring node can send to the non-RVQoE-configuring node the current RVQoE configuration parameters.**
* **The RVQoE-configuring node forwards the RVQoE report to the non-RVQoE-configuring node.**
* **The RVQoE-configuring node can ask the non-RVQoE-configuring node how the RVQoE reports should be delivered to the non-RVQoE-configuring node.**

**Proposal 3-2: In the response, the non-RVQoE-configuring node:**

* **Can deactivate the forwarding of RVQoE reports over Xn.**
* **Can indicate whether it prefers to receive the RVQoE reports directly from the UE or transparently via the RVQoE-configuring node.**
* **Can provide its preferred RVQoE configuration parameters, based on which the RVQoE-configuring node should modify the RVQoE configuration.**

**Proposal 3-3 (NEW): When the non-RVQoE-configuring node receives an RVQoE report and determines that the RVQoE-configuring node provides the bearer(s) for the application session, the non-RVQoE-configuring node indicates it to the RVQoE-configuring node.**

**Proposal 3-4: The non-RVQoE-configuring node can update its preferred RVQoE configuration parameters and reporting leg preference and request the RVQoE-configuring node to update these parameters at the UE.**

### **Mobility**

**Proposal 4-1: In line with the Rel-17 principles, if the MN configured the UE with QoE measurements, every subsequent MN serving the UE can configure and release the RVQoE measurements.**

### **PSCell change**

**Proposal 4-2: At PSCell change, the QoE configuration information is passed from the old/source SN to the new/target SN, according to the legacy procedures.**

### **SN release**

**Proposal 5-1: If the SN configured a UE with QoE measurements, at SN release, the QoE measurement configuration can be released.**

**Proposal 5-2: If the SN configured a UE with RVQoE measurements, at SN release, the RVQoE measurement configuration can be released.**