**3GPP TSG-RAN WG3 Meeting #120 *R3-23xxxx***

**Incheon, KR, 22 May – 26 May, 2023**

**Agenda item:** 11.3

**Source:** ZTE

**Title:** (TP for QoE BL CR for TS 38.423) QoE in NR-DC

Document for: Agreement

# 1 Introduction

This paper provides a TP to BL CR of 38.423 based on the offline and online discussion.

# 2 TP to BL CR of 38.423

*Changes Start*

### 9.2.3 General IE definitions

<Unchanged omitted>

9.2.3.x QMC Request IE

Editor’s Note: which messages could be used to convey this IE is FFS.

This IE contains the information that needs to be provided from M-NG-RAN node to S-NG-RAN node or from S-NG-RAN node to M-NG-RAN node in the request message during MN-SN coordination.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| IE/Group Name | Presence | Range | IE type and reference | Semantics description |
| QoE Reference | M |  | OCTET STRING (SIZE(6)) |  |
| Measurement Collection Entity IP Address | O |  | Transport Layer Address9.2.3.29 | The IP address of the entity receiving the QoE measurement report.  |
| SRB type for QoE repeorting | O |  | ENUMERATED(SRB4, SRB5, ...) | This IE is only present when SN initiates the m-based configuration. |
| SRB type for QoE configuration[FFS] | O |  |  | This IE is only present when SN initiates the m-based configuration. |
| Reporting leg switch indication | O |  | ENUMERATED(true, ...) |  |
| Session indication[FFS] |  |  |  | This IE is used to indicate that the application session is provided by the bearers of the peer node. |

9.2.3.y QMC Response IE

Editor’s Note: which messages could be used to convey this IE is FFS.

This IE contains the information that needs to be provided from S-NG-RAN node to M-NG-RAN node or from M-NG-RAN node to S-NG-RAN node in the response message during MN-SN coordination.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| IE/Group Name | Presence | Range | IE type and reference | Semantics description |
| QoE Reference | M |  | OCTET STRING (SIZE(6)) |  |
| MN Response | O |  | ENUMERATED(MN directly, SN directly, via MN, …) | This IE indicates the MN decision about how the m-based QoE configuration received from SN should be sent to UE. |
| Measurement Configuration Application Layer ID | O |  | INTEGER (0..15, ...) | This IE is only provided by MN. |
| Reporting leg switch confirmation | O |  | ENUMERATED(true, ...) |  |
| RVQoE reporting preference | O |  | ENUMERATED(directly, report not needed, ...) |  |
| Preferred RAN visible QoE paramters  | O |  | 9.3.1.225 |  |

*Changes Start*

#### 9.3.1.225 RAN Visible QoE parameters

This IE defines which RAN visible QoE parameters can be configured by the NG-RAN in the RAN visible QoE measurement.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| IE/Group Name | Presence | Range | IE type and reference | Semantics description |
| Application Layer Buffer Level List | O |  | ENUMERATED(true, ...) | The IE defines whether the Buffer Level can be collected as a RAN visible QoE metric by NG-RAN from UE, for DASH streaming and VR service types. |
| Playout Delay for Media Startup | O |  | ENUMERATED(true, ...) | The IE defines whether the Playout delay can be collected as a RAN visible QoE metric by NG-RAN from UE, for DASH streaming and VR service types. |
| Periodicity | O |  | ENUMERATED (ms120, ms240, ms480, ms640, ms1024)  | This IE is only present when one NG-RAN node sends the preferred RAN visible QoE configuration to the other node in dual connectivity. |

*Next Change*

[ASN.1]

*End of Change*