3GPP TSG-RAN WG3 Meeting #122 R3-237659

Chicago, USA,13th – 17th November 2023

Agenda Item: 11.4

Source: ZTE, China Telecom, China Unicom

Title: (TPs for BL CR of TS38.401&38.473) Deactivation of RVQoE reporting over F1AP

Document for: Discussions & Approval

# 1 Introduction

This paper provides the text proposas to BLCR of 38.401 and 38.473 on deactivation of RVQoE reporting over F1..

# Text Proposal for 38.473

<<<<<<<<<<<<<<<<<<<< First Change >>>>>>>>>>>>>>>>>>>>

#### 9.2.16.x QOE INFORMATION TRANSFER CONTROL

This message is sent by a gNB-DU to the gNB-CU, to control the QoE information transfer.

Direction: gNB-DU  gNB-CU

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| IE/Group Name | Presence | Range | IE type and reference | Semantics description | Criticality | Assigned Criticality |
| Message Type  | M |  | 9.3.1.1 |  | YES | ignore |
| **CHOICE Deactivation Indication** | O |  |  |  | YES | ignore |
| >Per UE |  |  |  |  |  |  |
| **>>Deactivation Indication List** |  |  |  |  | - |  |
| **>>>Deactivation Indication Item** |  | *1..<maxnoofUEsInQMCTransferControlMessage>* |  |  | Each | ignore  |
| >>>>gNB-CU UE F1AP ID | M |  | 9.3.1.4 |  | - |  |
| >>>>gNB-DU UE F1AP ID | M |  | 9.3.1.5 |  | - |  |
| >*Deactivate ALL* |  |  | NULL | This choice indicates that RVQoE reporting pertaining to all the UEs served by the gNB-DU, should be deactivated. |  |  |

|  |  |
| --- | --- |
| Range bound | Explanation |
| maxnoofUEsInQMCTransferControlMessage | Maximum no. of UEs for which QoE transfer control information is received, the maximum value is 512. |

<<<<<<<<<<<<<<<<<<<< Next Changes >>>>>>>>>>>>>>>>>>>>

-- D

DAPS-HO-Status::= ENUMERATED{initiation,... }

DCBasedDuplicationConfigured::= ENUMERATED{true,..., false}

DeactivationIndicationList ::= SEQUENCE{

choice-Deactivation-Indication-item Choice-Deactivation-Indication-item,

iE-Extensions ProtocolExtensionContainer {{ TRPBeamAntennaInformation-ExtIEs}} OPTIONAL,

...

}

Choice-Deactivation-Indication-item :: = CHOICE{

 perUE DeactivationIndicationList,

 deactivateAll NULL,

 choice-extension ProtocolIE-SingleContainer { { Choice-Deactivation-Indication-item } }

}

DeactivationIndicationList :: = (SIZE(1..maxnoofUEsInQMCTransferControlMessage)) OF DeactivationIndicationList-Item

DeactivationIndicationList-Item ::= SEQUENCE {

 gNB-CU-UE-F1AP-ID GNB-CU-UE-F1AP-ID,

 gNB-DU-UE-F1AP-ID GNB-DU-UE-F1AP-ID,

 iE-Extensions ProtocolExtensionContainer { { DeactivationIndicationList-Item-ExtIEs} } OPTIONAL,

 ...

}

DeactivationIndicationList-Item-ExtIEs F1AP-PROTOCOL-EXTENSION ::= {

 ...

}

Dedicated-SIDelivery-NeededUE-Item ::= SEQUENCE {

 gNB-CU-UE-F1AP-ID GNB-CU-UE-F1AP-ID,

 nRCGI NRCGI,

 iE-Extensions ProtocolExtensionContainer { { DedicatedSIDeliveryNeededUE-Item-ExtIEs} } OPTIONAL,

 ...

}

<<<<<<<<<<<<<<<<<<<< First Change >>>>>>>>>>>>>>>>>>>>