**3GPP TSG-WG SA4 Meeting #131-bis-e *S4-250529***

**Online, Apr 11 – 17, 2025 (revision of S4-250xxxx)**

Title: [DRAFT] Reply LS on MBS Communication Service Type

Response to: R3-250858/S4-250492

Release: Rel-18

Work Item: NR\_QoE\_enh-Core

Source: [Huawei to be] SA4

To: RAN3

Cc: RAN2, SA5

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**Send any reply LS to: 3GPP Liaisons Coordinator,** [**mailto:3GPPLiaison@etsi.org**](mailto:3GPPLiaison@etsi.org)

Attachments: None.

**1. Overall Description:**

SA4 thanks RAN3 for the reply LS on MBS Communication Service Type in S4-250492/R3-250858. For the questions in the LS, SA4 would like to provide the answers as following.

***Table. @communicationServiceType***

|  |  |  |  |
| --- | --- | --- | --- |
| *Element or Attribute Name* | | *Use* | *Description* |
|  | *@communicationServiceType* | *OD*  *default= ”all”* | *When present, this attribute indicates in which communication service type the QoE collection is requested:*  *- The value mbsMulticast refers to the MBS Multicast communication service per clause 21.1 of TS 38.300 [71].*  *- The value mbsBroadcast refers to the MBS Broadcast communication service per clause 21.1 of TS 38.300 [71].*  *- The value all refers to all communication service types.*  *When absent, quality metrics collection is requested for all MBS modes.* |

* ***Question 1:*** *What does this “all” value mean? Which of the following different interpretations is in line with SA4’s intention :*
  + *Option 1: Value “all” means that the UE shall conduct QoE measurements on broadcast multicast, and unicast.*
  + *Option 2: Value “all” means that the UE shall conduct QoE measurements on broadcast and multicast.*
  + *Option 3: Value “all” means that the UE shall conduct QoE measurements on broadcast and multicast, but not on unicast*
* **Answer** **1**: Option 1 is the right interpretation. Please find the agreed CR as attached.
* ***Question 2:*** *What is the reason for setting the “Use” value of @communicationServiceType to “OD”?. Some companies in RAN3 think the “OD” property of @communicationServiceType causes problems and should instead be changed to “O”. The reason is that, if the @communicationServiceType is absent from the measurement configuration, the UE will not conduct QoE measurements for sessions delivered via MBS, for any MBS mode. This is because @communicationServiceType is the only indication in the configuration that the measurement is requested for MBS. Is it acceptable to rename the “Use” from “OD” to “O”?*
* **Answer 2:** Yes, the property of “OD” has been renamed to “O” as corrected in the attached CR.
* ***Question 3:*** *Is it acceptable for SA4 to rename @communicationServiceType to @MBScommunicationServiceType? The intention is to align the naming with the corresponding TS 38.413/423 IE (MBS Communication Service Type) and the TS 28.622 IE mBSCommunicationServiceType, and to avoid potential misunderstandings across WGs.*
* **Answer 3:** Yes, now the naming has been changed to *@mbsCommunicationServiceType*.

**2. Actions:**

**To RAN3 group.**

**ACTION:** SA4 asks RAN3 to take the above into account and provide feedback if any.

**3. Date of Next TSG SA WG4 Meetings:**

TSG-SA4 Meeting #132 19th – 23rd May, 2025 Fukuoka, JP

TSG-SA4 Meeting #133-e 21st – 25th July, 2025 Online