**3GPP TSG- Meeting #S4-250877**

**, Japan,**

Title: Draft LS to RAN3 on MBS Communication Service Type

Response to: R3-250858/S4-250492

Release: Rel-18

Work Item: NR\_QoE\_enh-Core

Source: 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: [agreed CR to TS 26.247 to be attached]

**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. It refers to all communication service types (not limited to MBS communication services).
* ***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:** “OD” is revised into “O” in TS 26.247. Furthermore, when @communicationServiceType is absent, meaning by using the legacy solution, QoE collection is requested for all communication services, regardless of where the content comes from. By using the @communicationServiceType attribute, depending on the communication type, QoE reports can be collected in certain cases. Additionally, SA4 added unicast refers to the common unicast communication type.
* ***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:** From SA4 perspective,@communicationServiceType is a superset of @mbsCommunicationServiceType. As explained in answer 1 and 2, It is recommended to use @communicationServiceType.

SA4 also would like to inform RAN3 that related clauses 10.5 and L.1 in TS 26.247 are updated accordingly, as attached.

**2. Actions:**

**To RAN3**

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

**3. Dates of Next SA4 Meetings:**

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

SA4#134 17th – 21st November 2025 Dallas, US