3GPP TSG SA WG4 Meeting #122 TDoc S4-230163

Athens, Greece, February 20-24, 2023

**Title: Draft Reply LS on ID of MBS session in MBS QoE configuration**

**Response to: R3-226916 | S4-230xxx**

**Release: Rel-18**

**Work Item: NR\_QoE\_enh-Core**

**Source:** **3GPP SA4**

**To:** **3GPP RAN3**

**Cc: 3GPP SA5**

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

**Attachments:** None

# 1 Overall description

SA4 thanks RAN3 for its liaison on ID of MBS Session in MBS QoE configuration.

Regarding the questions 1-2, SA4 would like to provide following replies below:

*Q1: Is the UE application layer aware of any ID identifying the MBS session? E.g. in RAN2 specifications (TS 38.331), MBS session ID is indicated by TMGI-r17.*

**SA4 reply**: The MBS Session ID (i.e. TMGI-r17, Source Specific IP Multicast address) is known by the UE application layer (which in SA4’s MBS User Service architecture – see Figure 4.3.1-1 of TS 26.502, corresponds to the collective functional entities in the UE: MBS-Aware Application, MBSF Client and MBSTF Client) based on the received MBS User Service Announcement from the MBSF (or alternatively, sent directly from the Application Service Provider to the MBS-Aware Application via application-specific means outside the scope of 3GPP)..

*Q2: If yes to Q1, can the UE application layer collect the following aspects per any ID identifying the MBS session:*

*- Existing QoE metrics defined in SA4 specifications (TS 26.247, TS 26.114, TS 26.118)*

*- MBS specific QoE metrics (in case any are to be specified)*

**SA4 reply**: If the contents of an MBS Application Service such as 3GP-DASH or VR Streaming are carried over an MBS session, the UE application layer can collect the QoE metrics for that service as defined in TS 26.247 and TS 26.118, respectively. As mentioned in previous LS S4-221289, there is no ongoing Rel-18 study or normative work on MBS QoE in SA4. Should SA4 determine that MBS-specific QoE metrics specification will be necessary in the future, including potential aspects of UE application layer collection of any MBS specific QoE metrics per MBS session, we will keep RAN3 informed.

# 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 TSG SA WG 4 meetings

SA4#123-e 17th–21st April 2023 Electronic

SA4#124 22nd-26th May 2023 Berlin, Germany