**3GPP TSG RAN WG2#116bis-e R2-2200141**

**e-Meeting, 17th - 25th January, 2022**

**3GPP TSG-SA WG2 Meeting #148E S2-2109171**

**Elbonia, November 15 - 22, 2021**

Title: Reply LS on maximum number of MBS sessions that can be associated to a PDU session

Response to: (R2-2200141/S2-2109171) LS on maximum number of MBS sessions that can be associated to a PDU session

Release: Rel-17

Work Item: 5MBS

Source: Ericsson (to be RAN2)

To: SA2

Cc: RAN3, CT1, SA4, SA6

**Contact Person:**

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

Attachments: None

**1. Overall Description:**

RAN2 thanks SA for the LS on maximum number of MBS sessions that can be associated to a PDU session. RAN2 discussed the LS and would like to provide the following feedback.

**On the question:**

RAN2 to provide feedback on the maximum number of MBS sessions that can be associated to a PDU session.

**RAN2 response:**

RAN2 do not have any particular view on the number of MBS sessions associated to a PDU Session.

Currently an MBS session results in one or more Multicast MBS Radio Bearer (Multicast MRB) configuration(s), i.e. an MBS session may contain one or multiple MBS QoS flows, where different flows can be mapped to the same or separate MRBs.

The total number of Radio Bearers that can be configured simultaneously at the UE is currently 16, as in legacy releases. For Rel-17 MBS, RAN2 has agreed that this maximum number of supported RBs per UE is maintained and includes both DRBs and MRBs. Additionally, RAN2 agreed that the UE may signal whether it supports more MRBs, on top of this minimum requirement, but the number is still discussed. Note that RAN2 is still discussing if a maximum number for concurrent MRBs themselves is additionally defined.

The maximum number of active MBS sessions a UE can join will thus be determined based on the UE capability for supporting a resulting number of concurrent MRBs and DRBs.

**2. Actions:**

**To SA2:**

**ACTION:** RAN2 kindly asks SA2 to take the above information into account.

**3. Date of Next TSG RAN WG2 Meeting:**

TSG-RAN2 Meeting #118e May 16 - 27, 2022 Elbonia