3GPP TSG-RAN WG3 #115-e R3-22xxxx

Online, 21st February - 3rd March 2022

Agenda Item: 22.1

Source: Ericsson (moderator)

Title: Summary of Offline Discussion on a potential overall compromise for NR MBS Rel-17

Document for: Approval

# Introduction

This document outlines an overall compromise for NR MBS Rel-17.

A graphical representation may look as follows:



# For the Chairman’s Notes

Agree the following package (apologize the shorthand wording)

* MC Session Parameters (QOS & Area Info) included in Multicast Distribution Response but not in Activation Request
* LS to SA2 to acknowledge RAN3 support of associated PDU Sessions with deactivated UP connection, join information carried in UE Ctxt signalling & DL NAS Transfer
* no MC Session parameters anywhere in UE associated signalling, apart from joining information and, if included, associated QoS flow info.
* Data Forwarding between supporting nodes supported
* On NG transparent HO CN containers carry mapping and forwarding info
* On Xn active MC Session parameters carried outside PDU Session Ctxt IEs in HO REQ, HO REQ ACK carries forwarding info
* LS to SA2 on NG impact for shared NG-U termination at NG-RAN (“common CU-UP”)
* No SN STATUS additions, “current COUNT” info in HO information sufficient
* Support of separate F1-U bearers for ptp-retransmission and ptp-only MRB configurations
* F1/E1 MC MBS Session resource control in MBS-associated procedures only
* stop discussions on optimising HO with non-supporting RAN nodes (source gNB provides end marker towards non-supporting in implementation specific way - duplication removal @ HO from non-supporting, if any, by UE only)
* agree on TPs and LSs (to be extracted) basically following material uploaded in the “CB # MBS Compromise” folder

# Discussion

## Feedback

Please provide your feedback

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| --- | --- |
| Company | Comment |
| CATT | We prefer adding two bullets:* The “current COUNT” info, as an optional IE, comprises of both the PDCP Count (mandatory) and the MBS QFI SN (optional).
* [Wording FFS] The PDCP COUNT of the MRB should be synchronized by adding every per-QoS-flow N3mb Sequence Number, if available, of each QoS flow which is mapped to this MRB.
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# Conclusion, Recommendations [if needed]

If needed

# References