3GPP TSG-RAN WG2 #116bis-e R2-2200xxx

Electronical meeting, 17 – 25 January 2022

Agenda Item: 8.7.2.3

Source: Ericsson

Title: Summary of the email discussion [619][Relay] Remaining proposals on adaptation layer (Ericsson)

Document for: Discussion, Decision

# Introduction

This document is to summarize the following email discussion

* [AT116bis-e][619][Relay] Remaining proposals on adaptation layer (Ericsson)

Scope: Discuss the remaining proposals from R2-2200943: P6/P3/P9.

Intended outcome: Report to CB session

Deadline: Monday 2022-01-24 1800 UTC

For rapporteur to have enough time drafting summary report, we would like to have the following two phases:

* Phase 1: collect companies’ views by 2022-01-21 1400 UTC
* Phase 2: rapporteur will finalize summary report based on inputs of phase 1 by 2022-01-24 1600 UTC

# Summary of AI 8.7.2.3

In the online discussion, the following proposals from R2-2200943 [1] are decided to be treated by this email discussion.

***Proposal 6 (discussion) If remote UE local ID is present in PC5 adaption layer header, RAN2 to down select the following options based on which remote UE can obtain the local ID from the gNB:***

***a. Option 1: via Uu RRC messages, including RRCSetup/RRCReconfiguration/RRCResume/RRCReestablishment***

***b. Option 2: Via SRAP header of RRCResume / RRCReestablishment***

***c. Option 3: relay UE forwards the local ID to remote UE via PC5 RRC message***

***Proposal 3 (discussion) Control PDU is not supported for the adaptation layer in this release.***

***Proposal 9 (discussion) RAN2 to discuss whether LCID for PC5 RLC channel is to be allocated by UE as in R16 or specified for Uu SRB0.***

## P3

Companies are invited to express views for the following questions.

Control PDU may be introduced in Uu adaptation layer or PC5 adaptation layer. it is necessary to check companies’ views for the two cases separately.

***Q1-1: which option do companies agree regarding whether to adopt control PDU in PC5 adaptation layer in this release?***

***Option 1: adopt the control PDU***

***Option 2: not adopt the control PDU***

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| Company | Yes or No | Comments |
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***Q1-2: which option do companies agree regarding whether to adopt control PDU in Uu adaptation layer in this release?***

***Option 1: adopt the control PDU***

***Option 2: not adopt the control PDU***

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**Rapporteur summary**:

Rapporteur would like to try to reach at least a consensus about the above highlighted points and thus would like to suggest:



## P6

Companies are invited to express views for the following questions.

***Q2: which option do companies agree based on which remote UE can obtain the local ID from the gNB if the local ID is present in PC5 adaptation layer header?***

* ***Option 1: via Uu RRC messages, including RRCSetup/RRCReconfiguration/RRCResume/RRCReestablishment***
* ***Option 2: Via SRAP header of RRCResume / RRCReestablishment***
* ***Option 3: relay UE forwards the local ID to remote UE via PC5 RRC message***

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**Rapporteur summary**:

Rapporteur would like to try to reach at least a consensus about the above highlighted points and thus would like to suggest:



## P9

Companies are invited to express views for the following questions.

***Q3: Regarding how to allocate LCID for PC5 RLC channel of remote UE Uu SRB0, which option do companies agree?***

* [**Option 1:  allocated by UE same as in R16 SL**](#_Toc93052901)
* [**Option 2: up to gNB dedicated configuration same as in Uu**](#_Toc93052902)

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| Company | Yes or No | Comments |
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**Rapporteur summary**:

Rapporteur would like to try to reach at least a consensus about the above highlighted points and thus would like to suggest:



# Conclusion

We have the following proposal:

[Proposal 1](#_Toc93423366)

[Proposal 2](#_Toc93423367)

[Proposal 3](#_Toc93423368)

3.1 Proposals in priority order

**Easy Proposals**

**Proposals for Online discussion**

# Reference

[1] [R2-2200943](file:///C:\Users\mtk16923\Documents\3GPP%20Meetings\202201%20-%20RAN2_116bis-e,%20Online\Extracts\R2-2200943%20-%20Summary%20of%20AI%208.7.2.3%20on%20the%20adaptation%20layer%20(Ericsson).docx) summary of AI 8.7.2.3 on the adaptation layer, Ericsson