TSG-RAN Working Group 3 meeting #7   *TSGR3#7(99)C30*

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Agenda item:	**10.4**
Source:	Nokia
Title:	**Clarifications to some RANAP IE definitions**
Document for:	Decision

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1   Introduction

This contribution proposes more clear definitions for some RANAP information elements. The modifications to the existing definitions are shown with revision marks.

2   Proposed clarifications to RANAP Information Elements, section by section

9.2.2   RAB ID

[Editor's note: This definition needs to be harmonized with UMTS 23.10.]

This ID is to identify a particular radio access bearer in Iu. This ID has relevance only in the Iu procedures it is used in, i.e. only in the Iu interface, and it is not used as an end to end RAB reference. In CS domain RAB Id is a number that uniquely identifies the bearers for one UE. In PS domain the Bearer Id is the NSAPI that is used for the GTP tunnel.

9.2.3   NAS Binding Information

[Editor's note: This definition needs to be harmonized with UMTS 23.10.]

This information is received from layer 3 NAS protocol (CC or SM), and it isa information transmitted transparently to the RNCover the Iu interface. This information is used for binding together signalling procedures in the NAS and the corresponding AS signalling procedures.

9.2.4   RAB parameters

[Rditors note: The definition of Bearer parameters is being worked on in S2 QoS AdHoc. There is no specification that will contain the bearer parameters, but they are in a technical report that is close to finalization. This technical report shall be used as basis for specifying the RAB parameters]

The purpose of the RAB parameter information element is to indicate all RAB parameters for both directions, e.g. Quality of service (QoS) classes.

9.2.5   Transport address

For the PS domain this information element is an IP address To to be used for the up-link user plane transport. For the CS domain this address is to be used for Transport Network Control Plane signalling to set up the U-Plane connection.

9.2.6 Iu transport association

This element is used to associate the RAB and the corresponding user plane connection. For the PS domain this information element is the Binding Id to be used in Transport Network Control Plane signalling during set up of the U-Plane connection. In PS domain this information element is the GTP flow label.

9.2.9 RAB linking ID

Identifies A a group of RABs which must be either all established, or all rejected. RABs that are to be linked together will be set to have the same value for Bearer Linking ID. The Bearer linking IDs should be allocated so that each group of linked RABs can be uniquely identified for one UE.

3 Proposals

It is proposed to add the modifications shown in section 2 of this contribution to the indicated subsections of section 9.2 in [1].

4 Reference

[1] 3GPP UMTS 25.413, *UTRAN Iu Interface, RANAP signalling*, v.1.2.2, Source: Editor