

Agenda Item : 9.2.3
Source : NTT DoCoMo
Title : CN Domain Identifier in CN Information Elements
Document for : Decision

1. Introduction

This contribution proposes a change to the RRC protocol specification 25.331 for the introduction of CN domain Identifier in RAB Setup message. This issue is raised as a contribution in this paper although it was raised on the RRC Parameter E-mail discussion because it was not based on the contributions submitted at the last RAN WG2 meeting in Yokohama.

2. Routing of NAS Binding Info

In RAB Setup message, there are RAB ID and NAS binding info. These parameters are sent from UTRAN to UE on RAB Setup message to relate the RAB ID and NAS binding info in UE. "NAS binding info" contains context information with a specific content for each of the core network domains. However, It does not identify the CN domain in itself. Therefore to relate NAS binding info with correct domain in UE, a parameter "CN domain Identifier" is proposed. It can be handled in the same way as for the downlink Direct Transfer.

As seen from above, "CN Domain Identifier" is necessary as a mandatory parameter in "CN information elements" for each CN domain (CS and/or PS) in all the RRC messages.

3. Proposal

It is proposed to include the following change in 25.331.

10.1.5.7 RADIO ACCESS BEARER SETUP

<Functional description of this message to be included here>

RLC-SAP: t.b.d.

Logical channel: DCCH

Direction: UTRAN → UE

Information element category	Information elements	REFERENCE	TYPE	NOTE
	Message Type		M	
CN information elements	<u>CN Domain Identifier</u>		<u>M</u>	
	NAS binding info		M	
UE Information elements	Same as defined in 25.331			
RAB information elements				
TrCH information elements				
PhyCH information elements				