

2.0基站产品化测试 - 功能 #2465

GAP配置触发方式优化

2024-11-26 17:53 - 匿名用户

状态:	进行中	开始日期:	2024-11-26
优先级:	普通	计划完成日期:	
指派给:	杨 杨乐	% 完成:	0%
类别:		预期时间:	0.00 小时
目标版本:		耗时:	0.00 小时
问题归属:	CU, DU	FPGA板卡类型:	
发现问题版本:	Rel_2.1.15P	CPU类型:	
目标解决问题版本:	Rel_2.1.16P		

描述

现有的gap配置是通过CU在“CU to DU RRC Information”中携带“Measurement Timing Configuration”的方式触发，协议中本方式对应的场景为双连接，在SA场景，CU在“CU to DU RRC Information”中携带“MeasConfig”即可，见下图：

9.3.1.14 PLMN Identity		UE CapabilityRAT-ContainerList	O	STRING	This IE is used in the NG-RAN and consists of the UE-CapabilityRAT-ContainerList, as defined in TS 38.331 [8].		
9.3.1.15 Transmission Bandwidth		MeasConfig	O	OCTET STRING	MeasConfig, as defined in TS 38.331 [8] (without MeasGapConfig). For EN-DC/NGEN-DC operation, includes the list of FR2 frequencies for which the gNB-CU requests the gNB-DU to generate gaps. For NG-RAN NE-DC and MN for NR-NR DC, includes the list of FR1 and/or FR2 frequencies, for which the gNB-CU requests the gNB-DU to generate gaps and the gap type (per-UE or per-FR).	对于NR, CU通过携带测量配置请求DU配置gap	
9.3.1.16 Void							
9.3.1.17 NR Frequency Info		Handover Preparation Information	O	OCTET STRING	HandoverPreparationInformation, as defined in TS 38.331 [8].	YES	ignore
9.3.1.18 gNB-DU System Information		CellGroupConfig	O	OCTET STRING	CellGroupConfig, as defined in TS 38.331 [8].	YES	ignore
9.3.1.19 E-UTRAN QoS		Measurement Timing Configuration	O	OCTET STRING	Contains the MeasurementTimingConfiguration inter-node message defined in TS 38.331 [8]. In EN-DC/NGEN-DC it is included when the gaps for FR2 are requested to be configured by the MeNB. For MN in NR-NR DC, it is included when the gaps for FR2 and/or FR1 are requested by the SgNB.	YES	ignore
9.3.1.20 Allocation and Retention Priority							
9.3.1.21 GBR QoS Information		UEAssistanceInformation	O	OCTET STRING	UEAssistanceInformation, as defined in TS 38.331 [8].	YES	ignore
9.3.1.22 Bit Rate		CG-Config	O	OCTET STRING	CG-Config, as defined in TS 38.331 [8].	YES	ignore
9.3.1.23 Transaction ID							
9.3.1.24 DRX Cycle							
9.3.1.25 CU to DU RRC Information							
9.3.1.26 DU to CU RRC Information							
9.3.1.27 RLC Mode							
9.3.1.28 SUL Information							
9.3.1.29 S-GS TAC							
9.3.1.29a Configured EPS TAC							
9.3.1.30 RRC Reconfiguration Complete Indicator							
9.3.1.31 UL Configuration							
9.3.1.32 C-RNTI							
9.3.1.33 Cell UL Configured							
9.3.1.34 RAT-Frequency Priority Information							
9.3.1.35 LCID							
9.3.1.36 Duplication activation							
9.3.1.37 Slice Support List							
9.3.1.38 S-NSSAI							
9.3.1.39 UE Identity Index value							
9.3.1.40 Paging DRX							

为此，CU需要修改配置gap时携带的IE（“Measurement Timing Configuration”改为“MeasConfig”），同时DU支持按接收到的IE配置GAP（包括GAP配置的计算）

历史记录

#1 - 2025-03-27 15:40 - 杨 杨乐

- 状态从 新建 变更为 进行中

文件

F1AP.png	495 KB	2024-11-26	匿名用户
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