

FirstCall - 功能 #2686

RRC2MAC配置参数添加

2025-01-13 14:46 - b jz

状态:	已解决	开始日期:	2025-01-13
优先级:	低	计划完成日期:	
指派给:	b jz	% 完成:	0%
类别:		预期时间:	0.00 小时
目标版本:		耗时:	0.00 小时

描述

更新今天的TRUNK版本，可以接收SRB及DRB配置消息了，但参数配置不全。需要增加或更新如下的参数配置：

1. lcgId =0 (SRB是0，DRB是1)现在是相反的；

2。rbCb->macLchCfg->prty (SRB1=1,SRB=2,DRB1=4) 目前这个配置不全

3。rbCb->lcConfig->lcType 这个目前没有配置，需要增加/* Logical Channel Type /

```
#define CM_NR_LCH_BCCH 1  /*< BCCH Logical Channel /
#define CM_NR_LCH_PCCH 2  /*< PCCH Logical Channel /
#define CM_NR_LCH_CCCH 3  /*< CCCH Logical Channel /
#define CM_NR_LCH_DTCH 4  /*< DTCH Logical Channel /
#define CM_NR_LCH_DCCH 5  /*< DCCH Logical Channel /
```

4。pollTmrExpry = 45, pollPdu = 0, pollByte = 0, tStatPrhbt = 0, tReAssmby = 0 这几个为0值的定时器需要增加配置

```
rbCb->lcConfig->lcType = CM_NR_LCH_DCCH;
rbCb->macLchCfg->lcgId = 0;
rbCb->macLchCfg->prty = 1;
```

macLchCfg这个结构里需要配置lcgId 和prty

```
typedef enum wnLgChTyp {
WN_LGCH_TYP_INVALID_E = 1,/*< Invalid Logical Channel Type /
WN_LGCH_TYP_BCCH_E = 0,  /*< Broadcast Control Channel /
WN_LGCH_TYP_PCCH_E,    /*< Paging Control Channel /
WN_LGCH_TYP_CCCH_E,    /*< Common Control Channel /
WN_LGCH_TYP_DCCH_E,    /*< Data Control Channel //
WN_LGCH_TYP_DTCH_E     /*< Data Traffic Channel /
} wnLgChTypeE;
```

3按照这个配置吧。

回复 王艳芳:

3。rbCb>lcConfig->lcType 这个目前没有配置，需要增加/ Logical Channel Type /

```
#define CM_NR_LCH_BCCH 1  /*< BCCH Logical Channel /
#define CM_NR_LCH_PCCH 2  /*< PCCH Logical Channel /
#define CM_NR_LCH_CCCH 3  /*< CCCH Logical Channel /
#define CM_NR_LCH_DTCH 4  /*< DTCH Logical Channel /
#define CM_NR_LCH_DCCH 5  /*< DCCH Logical Channel /
```

```
typedef enum wnLgChTyp {
WN_LGCH_TYP_INVALID_E = -1,/*< Invalid Logical Channel Type /
WN_LGCH_TYP_BCCH_E = 0,  /*< Broadcast Control Channel /
WN_LGCH_TYP_PCCH_E,    /*< Paging Control Channel /
WN_LGCH_TYP_CCCH_E,    /*< Common Control Channel /
WN_LGCH_TYP_DCCH_E,    /*< Data Control Channel //
WN_LGCH_TYP_DTCH_E     /*< Data Traffic Channel */
} wnLgChTypeE;
```

历史记录

- #1 - 2025-01-13 15:46 - 王 艳芳
- lcId = 4 '004', rbId = 5 这个也修改一下，DRB的RBID修改为4，和LCID一致
- #2 - 2025-01-14 10:11 - 王 艳芳
- DRB的rbCb->macLchCfg->prty，优先级按照5或者8配置，因为咱们现在走NON-GBR, 4应该是GBR
- #3 - 2025-01-14 11:25 - b jz
- 状态 从 新建 变更为 进行中

添加中

#4 - 2025-01-14 12:14 - b jz

1. lcglId =0 (SRB是0 , DRB是1)现在是相反的 ;

fix

#5 - 2025-01-14 12:19 - b jz

2。rbCb->macLchCfg->prty (SRB1=1 ,SRB=2, DRB1=4) 目前这个配置不全

fixe

#6 - 2025-01-14 14:09 - b jz

3。rbCb->lcConfig->lcType 这个目前没有配置 , 需要增加/* Logical Channel Type /

```
typedef enum wnLgChTyp {  
    WN_LGCH_TYP_INVALID_E = -1, /*< Invalid Logical Channel Type /  
    WN_LGCH_TYP_BCCH_E = 0, /*< Broadcast Control Channel /  
    WN_LGCH_TYP_PCCH_E , /*< Paging Control Channel /  
    WN_LGCH_TYP_CCCH_E , /*< Common Control Channel /  
    WN_LGCH_TYP_DCCH_E , /*< Data Control Channel /  
    WN_LGCH_TYP_DTCH_E /*< Data Traffic Channel */  
} wnLgChTypE;
```

fix

#7 - 2025-01-14 14:32 - b jz

4。pollTmrExpiry = 45, pollPdu = 0, pollByte = 0, tStatPrhbt = 0, tReAssmbly = 0 这几个为0值的定时器需要增加配置

fix

#8 - 2025-01-14 14:53 - b jz

lcId = 4 '004', rbId = 5 这个也修改一下 , DRB的RBID修改为4 , 和LCID一致

fix

#9 - 2025-01-15 10:38 - b jz

- 状态 从 进行中 变更为 转测试

```
rbCfg  srblId=1  rblId=1  lcId=1  lcType=3  lcglId=0  prty=5  
rbCfg  tPollReTrsmt=45  pollPdu=64  pollByte=25000  tStatPrhbt=5  tReAssmbly=10
```

```
rbCfg  srblId=2  rblId=2  lcId=2  lcType=3  lcglId=0  prty=8  
rbCfg  tPollReTrsmt=45  pollPdu=64  pollByte=25000  tStatPrhbt=5  tReAssmbly=10
```

```
rbCfg  drb  rblId=4  lcId=4  lcType=3  lcglId=1  prty=4  
rbCfg  tPollReTrsmt=45  pollPdu=24576  pollByte=750000  tStatPrhbt=10  tReAssmbly=35
```

#10 - 2025-01-15 12:00 - 王 艳芳

```
rbCfg srblId=1 rblId=1 lcId=1 lcType=3 lcglId=0 prty=1  
rbCfg tPollReTrsmt=45 pollPdu=16 pollByte=25000 tStatPrhbt=10 tReAssmbly=50
```

```
rbCfg srblId=2 rblId=2 lcId=2 lcType=3 lcglId=0 prty=1  
rbCfg tPollReTrsmt=45 pollPdu=16 pollByte=25000 tStatPrhbt=10 tReAssmbly=50
```

```
rbCfg drb rblId=4 lcId=4 lcType=4 lcglId=1 prty=5  
rbCfg tPollReTrsmt=45 pollPdu=16 pollByte=25000 tStatPrhbt=10 tReAssmbly=50
```

参考基站3.0和公网信令的值定义

#11 - 2025-01-16 11:33 - b jz

已修改 , 请验证。

#12 - 2025-01-17 14:56 - b jz

```
(gdb) p *rbCb->lcConfig  
$4 = {rnti = 0, lcId = 0 '000', lcType = 3 '003', dlTpchTyp = 0 '000', qfi = 0 '000', txLcQ = 0x377d594c0, rxLcQ = 0x377d19200, nodeSide = WN_RRC_NODE_TS}  
(gdb) p *rbCb->rlcCfg
```

```
$6 = {rlcDIAMsnType = WN_AM_SN_TYPE_12B_E, rlcUIAMsnType = WN_AM_SN_TYPE_12B_E, rlcDIUmSnType = WN_UM_SN_TYPE_6B_E,
rlcUIUmSnType = WN_UM_SN_TYPE_6B_E, rlcMode = 0,
pollPdu = WN_POLL_PDU_P16_E, pollByte = WN_POLLBYTE_KB25_E, tPollReTrsmt = WN_RTRSMT_TMR_45MS_E, tReAssmby = WN_TMR_RLC_MS10_E,
tStatPrhbt = WN_TMR_PRHBT_MS10_E,
maxRetxThrsld = WN_RETX_T8_E, amTxBufSz = 0, umTxBufSz = 0, drbIdentity = 0 '\000', lcId = 0 '\000', reEstRlc = 0 '\000', rlcBrQ = 0x377c98c80, lcQ =
0x377d594c0,
rxLowerLyrQ = 0x377d19200, rxUperLyrQ = 0x377cd8f40, nodeSide = WN_RRC_NODE_TS}
--- a/source-code/src/l2/mac/csrc/wnPsMacSchTest.h
+++ b/source-code/src/l2/mac/csrc/wnPsMacSchTest.h
@ -35,7 +35,7 @ extern "C" {
#include "wn5gNrUePsNc.h"
```

```
-/////#define MAC_SIMU_TEST
+#define MAC_SIMU_TEST
```

```
@ -43,7 +43,7 @ extern "C" {
```

```
#ifdef MAC_SIMU_TEST
```

```
-//#define IRN_STUB
+#define IRN_STUB
```

```
yanf@PowerEdge-R720:~/b5gueps/source-code$
#define MAC_SIMU_TEST
+#define IRN_STUB
MERGE分支调试打开这两个宏
```

#13 - 2025-01-17 14:56 - b jz

已修改。

#14 - 2025-01-20 16:15 - 王 艳芳

- 状态从 转测试 变更为 已解决

- 优先级从 普通 变更为 低

今天看TRUNK最新版本，参数配置修改正确。后续有需求更新，再继续跟踪