

3.0基站产品测试 - 错误 #4509

1D3U子帧配比，上行双天线16UE上、下行udp灌包长保，du coredump

2025-11-28 17:11 - 郭 锁奇

状态:	进行中	开始日期:	2025-11-28
优先级:	一般	计划完成日期:	
指派给:	周 立伟	% 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:	DU	目标解决问题版本:	Rel_3.1.4
发现问题版本:	Rel_3.1.3		
描述			
Rel_3.1.3_Pre2T1版本_1D3U子帧配比，上行双天线16UE上、下行udp灌包长保，du coredump。			

历史记录

#1 - 2025-11-28 17:15 - 周 立伟

- 文件 20251128-171228.jpg 已添加

```
[Thread debugging using libthread_db enabled]
Using host libthread_db library "/lib/aarch64-linux-gnu/libthread_db.so.1".
Core was generated by './gnb_du'.
Program terminated with signal SIGSEGV, Segmentation fault.
#0  rgSCHLvl2TomUtlFillDatRecpReq (recpReqInfo=0x7d67702048, cell=cell@entry=0x7d5f8c7030, slot=slot@entry=0x7d530384e0) at /home/zlw/du_push/ran/nr_hl_du/src/Sgnrsch/rg_sch_tom_utl_lvl2.c:1817
1817  /home/zlw/du_push/ran/nr_hl_du/src/Sgnrsch/rg_sch_tom_utl_lvl2.c: No such file or directory.
[Current thread is 1 (Thread 0x7cd6276b70 (LWP 1970))]
(gdb) bt
#0  rgSCHLvl2TomUtlFillDatRecpReq (recpReqInfo=0x7d67702048, cell=cell@entry=0x7d5f8c7030, slot=slot@entry=0x7d530384e0) at /home/zlw/du_push/ran/nr_hl_du/src/Sgnrsch/rg_sch_tom_utl_lvl2.c:1817
#1  0x00000000008825a8 in rgSCHLvl2TomUtlProcUlsSlot (gCb=gCb@entry=0xe049e0 <cmGcb+47824>, cell=cell@entry=0x7d5f8c7030) at /home/zlw/du_push/ran/nr_hl_du/src/Sgnrsch/rg_sch_tom_utl_lvl2.c:2869
#2  0x00000000008087df18 in rgSCHLvl2TomTtlIDAndUlsCfg (cell=0x7d5f8c7030, gCb=0xe049e0 <cmGcb+47824>) at /home/zlw/du_push/ran/nr_hl_du/src/Sgnrsch/rg_sch_tom_lvl2.c:104
#3  rgSCHLvl2TomTtlInd (gCb=0xe049e0 <cmGcb+47824>, ttlInd=<optimized out>, rgSCHLvl2InstCb=<optimized out>) at /home/zlw/du_push/ran/nr_hl_du/src/Sgnrsch/rg_sch_tom_lvl2.c:187
#4  0x0000000000804e80 in RgLiFbschLvl2TtlInd (gCb=<optimized out>, ttlInd=<optimized out>) at /home/zlw/du_push/ran/nr_hl_du/src/Sgnrsch/rg_sch_lvl2.c:160
#5  0x000000000080b949c in ysUln FAPI_HdlTtlInd (schCb=0xe049e0 <cmGcb+47824>, pvsCellCb=pvsCellCb@entry=0x7db54d6430, pSFindHog=pSFindHog@entry=0x6a2e210 <gFapiCPlan+4178440>, pool_id=<optimized out>)
    at /home/zlw/du_push/ran/nr_hl_du/src/SgnrcLms/ys_fapi_task.c:4104
#6  0x000000000080b9aa0 in ysLHdL Fapi_PhyToMacMsg (gCb=<optimized out>, l1ToL2Msg=0x6a2e20c <gFapiCPlan+4178436> "\001\001", pool_id=<optimized out>) at /home/zlw/du_push/ran/nr_hl_du/src/SgnrcLms/ys_fapi_task.c:4208
#7  0x0000000000808adec0 in Fapi_PhyRecVMsg (buf=0x7f02dec010 <error: Cannot access memory at address 0x7f02dec010>, payloadSize=20) at /home/zlw/du_push/ran/nr_hl_du/src/SgnrcLms/ys_fapi_task.c:814
#8  0x0000000000808d7428 in msg_transfer_receive (handle_id=<optimized out>, cu_flag=cu_flag@entry=0, offset=offset@entry=0, len=len@entry=0, msg_ptr=msg_ptr@entry=0x7cd6276368)
    at /home/zaj/pro/2024/0_Driver_AP_ARM/l1_libmsgtransfer.a/app/src/msg_transfer_layer.c:255
#9  0x00000000008082080 in FAPI_HdlMsgTransferQueue (taskPtr=<optimized out>) at /home/zlw/du_push/ran/nr_hl_du/src/SgnrcLms/ys_fapi_task.c:1191
#10 0x0000000000804594 in thread_start () at /home/zlw/du_push/ngp/thread/build/./src/ngp_sys_thread.cpp:338
#11 0x000000007fb33e7e4 in start_thread (arg=0x7fcb5ebcf) at pthread_create.c:486
#12 0x000000007fb2f7070c in thread_start () at ../sysdeps/unix/sysv/linux/aarch64/clone.S:78
(gdb) f 0
#0  rgSCHLvl2TomUtlFillDatRecpReq (recpReqInfo=0x7d67702048, cell=cell@entry=0x7d5f8c7030, slot=slot@entry=0x7d530384e0) at /home/zlw/du_push/ran/nr_hl_du/src/Sgnrsch/rg_sch_tom_utl_lvl2.c:1817
1817  in /home/zlw/du_push/ran/nr_hl_du/src/Sgnrsch/rg_sch_tom_utl_lvl2.c
(gdb) info locals
hoP = <optimized out>
qe = 0x0
node = <optimized out>
numUePerTti = <optimized out>
(gdb) f 1
#1  0x00000000008825a8 in rgSCHLvl2TomUtlProcUlsSlot (gCb=gCb@entry=0xe049e0 <cmGcb+47824>, cell=cell@entry=0x7d5f8c7030) at /home/zlw/du_push/ran/nr_hl_du/src/Sgnrsch/rg_sch_tom_utl_lvl2.c:2869
2869  in /home/zlw/du_push/ran/nr_hl_du/src/Sgnrsch/rg_sch_tom_utl_lvl2.c
(gdb) info locals
ret = 0
recpReqInfo = 0x7d67702048
validIdx = <optimized out>
ulsSlot = 0x7d530384e0
(gdb)
```

#2 - 2025-12-01 15:28 - 周 立伟

- 状态 从 新建 变更为 进行中
- 目标解决问题版本 从 Rel_3.1.3 变更为 Rel_3.1.4

已修改，具体修改方案：
1、增加空指针异常保护；
2、lvl2 fapi组包调整至worker1线程中；

#3 - 2025-12-01 15:29 - 周 立伟

- 状态 从 进行中 变更为 审视

已走查并合入3.1.4_Pre1T2版本。

#4 - 2025-12-05 10:21 - 周 立伟

- 状态 从 审视 变更为 进行中

目前会加重worker1负担，需进一步优化。

文件

