

【3.0整机】Rel_3.1.3_Pre1T5,21环境，1D3U 单ue 上下行同时业务长跑6h，du core dump

状态:	进行中	开始日期:	2025-09-27
优先级:	一般	计划完成日期:	
指派给:	韩 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_3.1.3
发现问题版本:	Rel_3.1.3		

描述:

简述: 【3.0整机】Rel_3.1.3_Pre1T5,21环境, 1D3U 单ue 上下行同时业务长跑6h, du core dump

测试版本: Rel_3.1.3_Pre1T5

问题描述: 【3.0整机】Rel_3.1.3_Pre1T5,21环境, 1D3U 单ue 上下行同时业务长跑6h, du core dump

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[New LWP 26790]
[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 0x0000000000657e10 in gnb::DataSharedMem::Write (this=0x7cb4000b90, buffer=buffer@entry=0x7df37fe6c0 "ys_fapi_task.c", len=len@entry=321)
    at /home/zlw/du_push/ran/nr_hl_du/src/du_app/common/build/./src/DataSharedMem.cpp:180
180 /home/zlw/du_push/ran/nr_hl_du/src/du_app/common/build/./src/DataSharedMem.cpp: No such file or directory.
[Current thread is 1 (Thread 0x7df37fdb70 (LWP 26631))]
(gdb) bt
#0 0x0000000000657e10 in gnb::DataSharedMem::Write (this=0x7cb4000b90, buffer=buffer@entry=0x7df37fe6c0 "ys_fapi_task.c", len=len@entry=321)
    at /home/zlw/du_push/ran/nr_hl_du/src/du_app/common/build/./src/DataSharedMem.cpp:180
#1 0x0000000000663f4c in nrg::LogShmMgr::Write (this=this@entry=0xd96240 <nrg::Log2Shm::GetInstance():LogShm>, buff=buff@entry=0x7df37fe6c0 "ys_fapi_task.c", len=<optimized out>)
    at /home/zlw/du_push/ran/nr_hl_du/src/logger/zlog/build/./src/LogShmMgr.cpp:206
#2 0x000000000065ff60 in nrg::Log2Shm::WriteMsg (this=0xd96240 <nrg::Log2Shm::GetInstance():LogShm>,
    file=file@entry=0xaaf748 "/home/zlw/du_push/ran/nr_hl_du/src/5gnrc1ms/ys_fapi_task.c", line=line@entry=2191, level=level@entry=5 '\005',
    vMsg=vMsg@entry=0xab1c80 "ysULMhdlCrcInd: crntTime[%u %u] CrcIndTime[%u %u] RTTI[%u] harqID[%u] crc[%u] TA[%u] SINR[%d] rsrp[%d],beforefrsrp[%d],rePower[%d]",
    moduleId=moduleId@entry=37 '%') at /home/zlw/du_push/ran/nr_hl_du/src/logger/zlog/build/./src/Log2Shm.cpp:600
#3 0x00000000006b34e0 in ysl::FapiUdCrcInd (ceUcb=cellCb@entry=0xd9d4d30, pCrcIndMs=pCrcIndMs@entry=0x67fc800 <gFapiCPlan+1557000>, pool_id=125 '}',
    pool_id@entry=0 '\000') at /home/zlw/du_push/ran/nr_hl_du/src/5gnrc1ms/ys_fapi_task.c:2170
#4 0x0000000000008b7924 in ysl::UdL FapiPhyToMacMsg (gCb=<optimized out>, l1toL2Ms=0x67fc7fc <gFapiCPlan+1556996> "000100010001 \206", pool_id=<optimized out>)
    at /home/zlw/du_push/ran/nr_hl_du/src/5gnrc1ms/ys_fapi_task.c:4197
#5 0x0000000000008ab8d74 in yscmActvTask (tskInfo=<optimized out>) at /home/zlw/du_push/ran/nr_hl_du/src/5gnrc1ms/ys_cmm_hdl.c:93
#6 0x00000000000073ba60 in gnb_du::gnb_du_worker_thread_instance::process_message (this=0x7d4ef29b34, p_task=<optimized out>, priority=<optimized out>)
    at /home/zlw/du_push/ran/nr_hl_du/src/du_app/gnb_mgr/build/.process/gnb_du_worker_thread.cpp:487
#7 0x00000000000073ba60 in nrg::thread_pool_du_worker_thread_instance::start (this=0x49cfb920)
    at /home/zlw/du_push/ran/nr_hl_du/src/du_app/gnb_mgr/build/./src/./nrg/include/nrg_thread_pool.h:406
#8 0x000000000000d2624 in thread_start () at /home/zlw/du_push/nrg/thread/build/.nrg/ngp_sys_thread.cpp:338
#9 0x00000007fa55cf74c in start_thread (arg=0x7fd423566f) at pthread_create.c:486
#10 0x00000007fa520170c in thread_start () at ./sysdeps/unix/sysv/linux/aarch64/clone.S:78
(gdb)
```

#1 - 2025-09-28 10:15 - 韩伟

- 状态从 新建 变更为 进行中

目前该问题分析，原因为du侧写log时，log内存指针为空了，目前判断和ap_driver修改导致du异常的问题原因一致，ap_driver修改会在T6版本合入，后续可以回归下这个问题。

- 目标解决问题版本从 Rel 3.1.2 变更为 Rel 3.1.3

20250927-095546.jpg	484 KB	2025-09-27	周磊
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