

3.0基站产品测试 - 错误 #3815

T5版本du进程启动过程中偶现du崩溃

2025-07-25 16:39 - 孙浩

状态:	进行中	开始日期:	2025-07-25
优先级:	普通	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_3.1.2
发现问题版本:	Rel_3.1.2		

描述			
【问题描述】 Rel_3.1.2_Pre1T5版本du进程启动过程中偶现du崩溃，如下打印： (gdb) where #0 __memcpy_generic () at ../sysdeps/aarch64/multiarch/../memcpy.S:182 #1 0x00000000064fa1c in std::__copy_move<true, true, std::random_access_iterator_tag>::__copy_m<ngp::ShmOptions> (__result=<optimized out>, __last=<optimized out>, __first=<optimized out>) at /opt/gcc-linaro-7.5.0-2019.12-x86_64_aarch64-linux-gnu/aarch64-linux-gnu/include/c++/7.5.0/bits/stl_algobase.h:368 #2 std::__copy_move_a<true, ngp::ShmOptions*, ngp::ShmOptions*> (__result=<optimized out>, __last=<optimized out>, __first=<optimized out>) at /opt/gcc-linaro-7.5.0-2019.12-x86_64_aarch64-linux-gnu/aarch64-linux-gnu/include/c++/7.5.0/bits/stl_algobase.h:386 #3 std::__copy_move_a2<true, ngp::ShmOptions*, ngp::ShmOptions*> (__result=<optimized out>, __last=0x7cb4000c70, __first=<optimized out>) at /opt/gcc-linaro-7.5.0-2019.12-x86_64_aarch64-linux-gnu/aarch64-linux-gnu/include/c++/7.5.0/bits/stl_algobase.h:424 #4 std::copy<std::move_iterator<ngp::ShmOptions*>, ngp::ShmOptions*> (__result=<optimized out>, __last=..., __first=...) at /opt/gcc-linaro-7.5.0-2019.12-x86_64_aarch64-linux-gnu/aarch64-linux-gnu/include/c++/7.5.0/bits/stl_algobase.h:456 #5 std::__uninitialized_copy<true>::__uninit_copy<std::move_iterator<ngp::ShmOptions*>, ngp::ShmOptions*> (__result=<optimized out>, __last=..., __first=...) at /opt/gcc-linaro-7.5.0-2019.12-x86_64_aarch64-linux-gnu/aarch64-linux-gnu/include/c++/7.5.0/bits/stl_uninitialized.h:101 #6 std::uninitialized_copy<std::move_iterator<ngp::ShmOptions*>, ngp::ShmOptions*> (__result=<optimized out>, __last=..., __first=...) at /opt/gcc-linaro-7.5.0-2019.12-x86_64_aarch64-linux-gnu/aarch64-linux-gnu/include/c++/7.5.0/bits/stl_uninitialized.h:134 #7 std::uninitialized_copy_a<std::move_iterator<ngp::ShmOptions*>, ngp::ShmOptions*, ngp::ShmOptions*> (__result=<optimized out>, __last=..., __first=...) at /opt/gcc-linaro-7.5.0-2019.12-x86_64_aarch64-linux-gnu/aarch64-linux-gnu/include/c++/7.5.0/bits/stl_uninitialized.h:289 #8 std::uninitialized_move_if_noexcept_a<ngp::ShmOptions*, ngp::ShmOptions*, std::allocator<ngp::ShmOptions*> > (__alloc=..., __result=<optimized out>, __last=0x7cb4000c70, __first=<optimized out>) at /opt/gcc-linaro-7.5.0-2019.12-x86_64_aarch64-linux-gnu/aarch64-linux-gnu/include/c++/7.5.0/bits/stl_uninitialized.h:312 #9 std::vector<ngp::ShmOptions, std::allocator<ngp::ShmOptions*> >::__M_realloc_insert<ngp::ShmOptions const&> (this=0xdad040 <ngp::Log2Shm::GetInstance():logShm+32>, __position= {threadId = 0, kBSz = 0, notifyFrames = 0, resetStartTimeOwner = 0}) at /opt/gcc-linaro-7.5.0-2019.12-x86_64_aarch64-linux-gnu/aarch64-linux-gnu/include/c++/7.5.0/bits/vector.tcc:424 #10 0x00000000064f81c in std::vector<ngp::ShmOptions, std::allocator<ngp::ShmOptions*> >::push_back (__x=..., this=0xdad040 <ngp::Log2Shm::GetInstance():logShm+32>) at /opt/gcc-linaro-7.5.0-2019.12-x86_64_aarch64-linux-gnu/aarch64-linux-gnu/include/c++/7.5.0/bits/stl_vector.h:948 #11 ngp::LogShmMgr::Add (this=this@entry=0xdad020 <ngp::Log2Shm::GetInstance():logShm>, tId=540644502384, oriKey=oriKey@entry=405, size=size@entry=1024, notifyFrames=notifyFrames@entry=1) at /ehome/zw/du_push/ran/nr_hl_du/src/logger/zlog/build/./src/LogShmMgr.cpp:110 #12 0x000000000648294 in ngp::Log2Shm::RegThread2Shm (this=this@entry=0xdad020 <ngp::Log2Shm::GetInstance():logShm>, tId=<optimized out>, oriKey=oriKey@entry=405, kbSz=kbSz@entry=1024, notifyFrames=notifyFrames@entry=1) at /ehome/zw/du_push/ran/nr_hl_du/src/logger/zlog/build/./src/Log2Shm.cpp:52 #13 0x0000000007432e4 in gnb_du::gnb_du_udp_rx_thread::on_init (this=0x7cb40013a0) at /ehome/zw/du_push/ran/nr_hl_du/src/du_app/udp/build/./src/gnb_du_udp_rx_thread.cpp:50 #14 0x00000000008a7430 in thread_start () at /ehome/zw/du_push/ngp/thread/build/./src/ngp_sys_thread.cpp:338 #15 0x00000007f954a17e4 in start_thread (arg=0x7de29fcd6f) at pthread_create.c:486 #16 0x00000007f950d370c in thread_start () at ../sysdeps/unix/sysv/linux/aarch64/clone.S:78			

历史记录

#1 - 2025-07-25 16:41 - 周立伟

- 状态从 新建 变更为 进行中

DU启动时，日志线程注册时存在资源冲突问题。需增加同步保护机制处理。