

B5G_UE - 错误 #4310

B5G终端版本V0.0.1_T06，终端软件启动失败

2025-10-25 09:49 - 周 磊

状态:	进行中	开始日期:	2025-10-25
优先级:	一般	计划完成日期:	
指派给:	李 明新	% 完成:	0%
类别:		预期时间:	0.00 小时
目标版本:		耗时:	0.00 小时

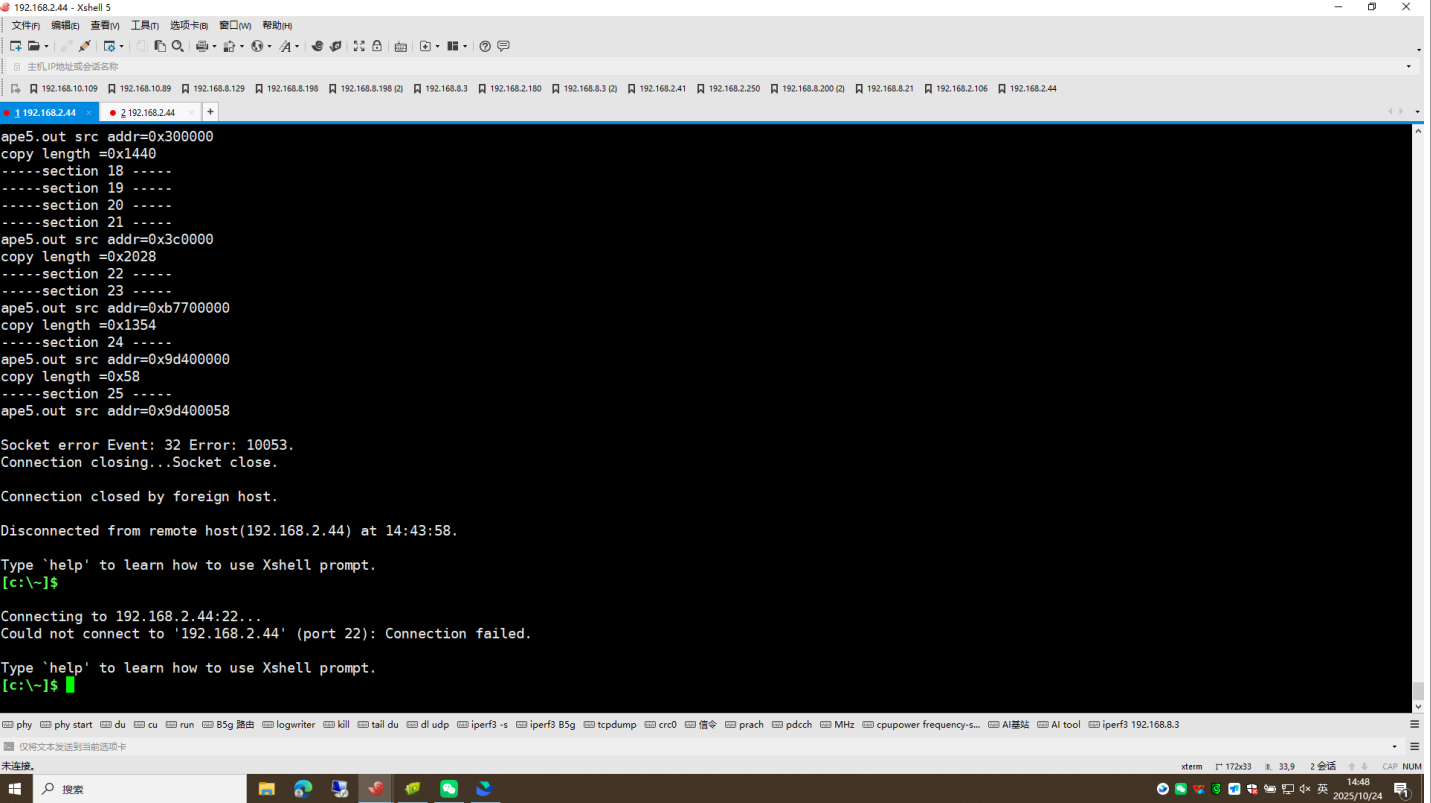
描述

简述：B5G终端版本V0.0.1_T06，终端启动失败

测试版本：V0.0.1_T06

问题描述：B5G终端版本V0.0.1_T06，终端启动失败

启动过程不同节点均会出现



```
192.168.2.44 - Xshell 5
文件(F) 编辑(E) 查看(V) 工具(T) 选项(O) 窗口(W) 帮助(H)
主机的IP地址或会话名称
192.168.10.109 192.168.10.89 192.168.8.129 192.168.8.198 192.168.8.3 192.168.2.180 192.168.8.3 (2) 192.168.2.41 192.168.2.250 192.168.8.200 (2) 192.168.8.21 192.168.2.106 192.168.2.44
1 192.168.2.44 2 192.168.2.44 3 192.168.2.44
Type:1 mcs:9 dComp:-1555749104 ulComp:10000 tbs:1288
Type:1 mcs:10 dComp:-1555749104 ulComp:10000 tbs:1352
Type:1 mcs:11 dComp:-1555749104 ulComp:10000 tbs:1480
Type:1 mcs:12 dComp:-1555749104 ulComp:10000 tbs:1608
Type:1 mcs:13 dComp:-1555749104 ulComp:10000 tbs:1800
Type:1 mcs:14 dComp:-1555749104 ulComp:10000 tbs:1928
Type:1 mcs:15 dComp:-1555749104 ulComp:10000 tbs:2088
Type:1 mcs:16 dComp:-1555749104 ulComp:10000 tbs:2216
Type:1 mcs:17 dComp:-1555749104 ulComp:10000 tbs:2408
Type:1 mcs:18 dComp:-1555749104 ulComp:10000 tbs:2536
Type:1 mcs:19 dComp:-1555749104 ulComp:10000 tbs:2728
Type:1 mcs:20 dComp:-1555749104 ulComp:10000 tbs:2792
Type:1 mcs:21 dComp:-1555749104 ulComp:10000 tbs:2976
Type:1 mcs:22 dComp:-1555749104 ulComp:10000 tbs:3104
Type:1 mcs:23 dComp:-1555749104 ulComp:10000 tbs:3368
Type:1 mcs:24 dComp:-1555749104 ulComp:10000 tbs:3496
Type:1 mcs:25 dComp:-1555749104 ulComp:10000 tbs:3752
Type:1 mcs:26 dComp:-1555749104 ulComp:10000 tbs:3824
Type:1 mcs:27 dComp:-1555749104 ulComp:10000 tbs:3904
DL:[1 317547 317546] UL:[10000 10000 1]
maxUePerULSlot 2 maxUePerDLSlot 2 -----debug mac init end-----
wnOamReportConfig.json file size:13921.
-----debug oam end-----

Socket error Event: 32 Error: 10053.
Connection closing...Socket close.

Connection closed by foreign host.

Disconnected from remote host(192.168.2.44) at 16:47:40.

Type 'help' to learn how to use Xshell prompt.
[c:\~]$
```

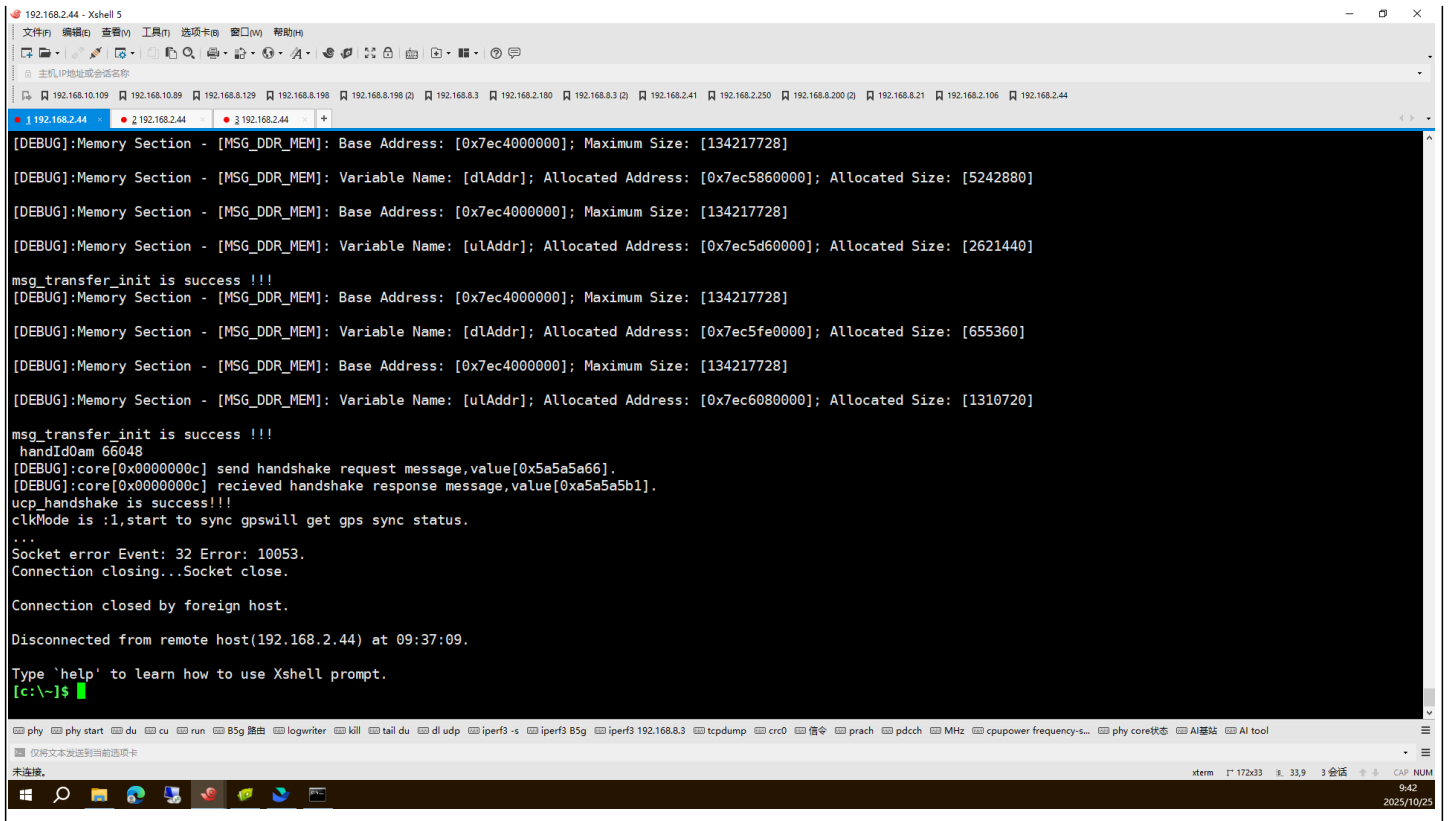
```
phy phy start du cu run 85g 路由 logwriter kill tail du dl udp iperf3 -s iperf3 85g iperf3 192.168.8.3 tcpdump crc0 指令 prach pdcch MHz cpupower frequency-s... phy core状态 AI基站 AI tool
仅将文本发送到当前选项卡
未连接。 xterm 172x33 8.31.9 3会话 CAP NUM 16:48 2025/10/24
192.168.2.44 - Xshell 5
文件(F) 编辑(E) 查看(V) 工具(T) 选项(O) 窗口(W) 帮助(H)
主机的IP地址或会话名称
192.168.10.109 192.168.10.89 192.168.8.129 192.168.8.198 192.168.8.3 192.168.2.180 192.168.8.3 (2) 192.168.2.41 192.168.2.250 192.168.8.200 (2) 192.168.8.21 192.168.2.106 192.168.2.44
1 192.168.2.44 2 192.168.2.44 3 192.168.2.44
ape4.out src addr=0x2c0000
DM0-DM3 addr change to=0x1c0000
copy length =0x1440
----section 18 ----
----section 19 ----
----section 20 ----
----section 21 ----
----section 22 ----
----section 23 ----
ape4.out src addr=0xb7600000
copy length =0x54e08c
----section 24 ----
ape4.out src addr=0x9d000000
copy length =0x58
----section 25 ----
ape4.out src addr=0x9d000058
copy length =0x5e8fc
----section 26 ----
ape4.out src addr=0x9d05e954
copy length =0x1e810
----section 27 ----
ape4.out src addr=0x9d07d164
copy length =0x1298

Socket error Event: 32 Error: 10053.
Connection closing...Socket close.

Connection closed by foreign host.

Disconnected from remote host(192.168.2.44) at 18:03:16.

Type 'help' to learn how to use Xshell prompt.
[c:\~]$
```



历史记录

#1- 2025-10-25 09:58 - 战 弋 戈

linux系统崩溃，从系统日志上看，启动过程中协议栈发生了异常退出，然后系统崩溃。建议回退协议栈，phy版本看看。

```
[ 568.607382] stc_read: size: 2
[ 569.607380] stc_read: size: 2
[ 570.607379] stc_read: size: 2
[ 571.607379] stc_read: size: 2
[ 572.607378] stc_read: size: 2
[ 572.891044] exe:stc_read error, ret: 512!
[ 572.950336] [ste_release]release
[ 914.292498] CPU: 0 PID: 0 Comm: swapper/0 Tainted: G S      O   5.10.165-v8 #8
[ 914.300204] Hardware name: smartlogic,ucp2 (DT)
[ 914.304709] Call trace:
[ 914.307150] dump_backtrace+0x0/0x208
[ 914.310793] show_stack+0x14/0x28
[ 914.314089] dump_stack+0xd8/0x10c
[ 914.317473] __arm_smmu_tlb_sync+0x120/0x158
[ 914.321720] arm_smmu_tlb_sync_context+0x84/0xb0
[ 914.326311] arm_smmu_iotlb_sync+0x4c/0x118
[ 914.330471] __iommu_dma_unmap+0xe0/0x100
[ 914.334459] iommu_dma_unmap_page+0x78/0x88
[ 914.338621] dma_unmap_page_attrs+0x2c/0x210
[ 914.342869] stmmac_napi_poll_tx+0x1d0/0x718
[ 914.347116] net_rx_action+0x19c/0x440
[ 914.350844] __stext+0x10c/0x254
[ 914.353968] irq_exit+0x118/0x120
[ 914.357266] __handle_domain_irq+0x60/0xb0
[ 914.361340] gic_handle_irq+0x8c/0x170
[ 914.365067] el1_irq+0xc8/0x180
[ 914.368191] arch_cpu_idle+0x14/0x20
[ 914.371747] default_idle_call+0x20/0x5c
[ 914.375649] do_idle+0x1f8/0x298
[ 914.378859] cpu_startup_entry+0x20/0x58
[ 914.382760] rest_init+0xb8/0xc8
[ 914.385971] arch_call_rest_init+0xc/0x14
[ 914.389958] start_kernel+0x444/0x478
[ 914.393601] arm_smmu 42b8000.iommu: TLB sync timed out - SMMU may be deadlocked
[ 915.449583] CPU: 0 PID: 0 Comm: swapper/0 Tainted: G S      O   5.10.165-v8 #8
[ 915.457284] Hardware name: smartlogic,ucp2 (DT)
[ 915.461788] Call trace:
[ 915.464220] dump_backtrace+0x0/0x208
[ 915.467862] show_stack+0x14/0x28
```

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[ 915.471158] dump_stack+0xd8/0x10c
[ 915.474540] __arm_smmu_tlb_sync+0x120/0x158
[ 915.478786] arm_smmu_tlb_sync_context+0x84/0xb0
[ 915.483378] arm_smmu_iotlb_sync+0x4c/0x118
[ 915.487539] __iommu_dma_unmap+0xe0/0x100
[ 915.491526] iommu_dma_unmap_page+0x78/0x88
[ 915.495685] dma_unmap_page_attrs+0x2c/0x210
[ 915.499933] stmmac_napi_poll_tx+0x1d0/0x718
[ 915.504180] net_rx_action+0x19c/0x440
[ 915.507908] _stext+0x10c/0x254
[ 915.511031] irq_exit+0x118/0x120
[ 915.514327] __handle_domain_irq+0x60/0xb0
[ 915.518401] gic_handle_irq+0x8c/0x170
[ 915.522129] el1_irq+0xc8/0x180
[ 915.525253] arch_cpu_idle+0x14/0x20
[ 915.528808] default_idle_call+0x20/0x5c
[ 915.532708] do_idle+0x1f8/0x298
[ 915.535917] cpu_startup_entry+0x20/0x58
[ 915.539818] rest_init+0xb8/0xc8
[ 915.543027] arch_call_rest_init+0xc/0x14
[ 915.547014] start_kernel+0x444/0x478
[ 915.550656] arm-smmu 42b8000.iommu: TLB sync timed out -- SMMU may be deadlocked
[ 916.606618] CPU: 0 PID: 0 Comm: swapper/0 Tainted: G S   O   5.10.165-v8 #8
[ 916.614320] Hardware name: smartlogic,ucp2 (DT)
[ 916.618824] Call trace:
[ 916.621257] dump_backtrace+0x0/0x208
[ 916.624898] show_stack+0x14/0x28
[ 916.628194] dump_stack+0xd8/0x10c
[ 916.631576] __arm_smmu_tlb_sync+0x120/0x158
[ 916.635822] arm_smmu_tlb_sync_context+0x84/0xb0
[ 916.640413] arm_smmu_iotlb_sync+0x4c/0x118
[ 916.644574] __iommu_dma_unmap+0xe0/0x100
[ 916.648562] iommu_dma_unmap_page+0x78/0x88
[ 916.652722] dma_unmap_page_attrs+0x2c/0x210
[ 916.656968] stmmac_napi_poll_tx+0x1d0/0x718
[ 916.661215] net_rx_action+0x19c/0x440
[ 916.664943] _stext+0x10c/0x254
[ 916.668065] irq_exit+0x118/0x120
[ 916.671361] __handle_domain_irq+0x60/0xb0
[ 916.675434] gic_handle_irq+0x8c/0x170
[ 916.679162] el1_irq+0xc8/0x180
[ 916.682285] arch_cpu_idle+0x14/0x20
[ 916.685841] default_idle_call+0x20/0x5c
[ 916.689741] do_idle+0x1f8/0x298
[ 916.692951] cpu_startup_entry+0x20/0x58
[ 916.696851] rest_init+0xb8/0xc8
[ 916.700061] arch_call_rest_init+0xc/0x14
[ 916.704048] start_kernel+0x444/0x478
[ 916.707689] arm-smmu 42b8000.iommu: TLB sync timed out -- SMMU may be deadlocked
[ 917.763650] CPU: 0 PID: 0 Comm: swapper/0 Tainted: G S   O   5.10.165-v8 #8
[ 917.771351] Hardware name: smartlogic,ucp2 (DT)
[ 917.775855] Call trace:
[ 917.778287] dump_backtrace+0x0/0x208
[ 917.781929] show_stack+0x14/0x28
[ 917.785224] dump_stack+0xd8/0x10c
[ 917.788606] __arm_smmu_tlb_sync+0x120/0x158
[ 917.792852] arm_smmu_tlb_sync_context+0x84/0xb0
[ 917.797443] arm_smmu_iotlb_sync+0x4c/0x118
[ 917.801604] __iommu_dma_unmap+0xe0/0x100
[ 917.805591] iommu_dma_unmap_page+0x78/0x88
[ 917.809751] dma_unmap_page_attrs+0x2c/0x210
[ 917.813997] stmmac_napi_poll_tx+0x1d0/0x718
[ 917.818244] net_rx_action+0x19c/0x440
[ 917.821971] _stext+0x10c/0x254
[ 917.825095] irq_exit+0x118/0x120
[ 917.828390] __handle_domain_irq+0x60/0xb0
[ 917.832464] gic_handle_irq+0x8c/0x170
[ 917.836191] el1_irq+0xc8/0x180
[ 917.839314] arch_cpu_idle+0x14/0x20
[ 917.842870] default_idle_call+0x20/0x5c
[ 917.846771] do_idle+0x1f8/0x298
[ 917.849980] cpu_startup_entry+0x20/0x58
[ 917.853882] rest_init+0xb8/0xc8
[ 917.857091] arch_call_rest_init+0xc/0x14
[ 917.861078] start_kernel+0x444/0x478

```

[917.864719] arm-smmu 42b8000.iommu: TLB sync timed out -- SMMU may be deadlocked

#2 - 2025-10-25 11:08 - 战 弋戈
- 指派给从 战 弋戈 变更为 李 常

#3 - 2025-10-25 14:24 - 李 常
- 状态从 新建 变更为 进行中

#4 - 2025-10-29 10:23 - 李 常
- 主题从 B5G 终端版本V0.0.1_T06，终端启动失败 变更为 B5G 终端版本V0.0.1_T06，终端软件启动失败
- 指派给从 李 常 变更为 李明新

看是否跟ap_drv升级（ Rel_3.1.3_Pre1T6-10-g8662984.tar.gz ）有关。

文件

image (3).png	124 KB	2025-10-25	周 磊
image (2).png	141 KB	2025-10-25	周 磊
image.png	106 KB	2025-10-25	周 磊
image (1).png	142 KB	2025-10-25	周 磊