

3.0基站产品测试 - 错误 #4935

3.2.1pre1T2版本（2月25号发布）长跑46小时有1个终端掉线后接入不了

2026-03-02 17:53 - 孙浩

状态:	已解决	开始日期:	2026-03-02
优先级:	一般	计划完成日期:	
指派给:	孙浩	% 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:	CU, DU	目标解决问题版本:	Rel_3.2.1
发现问题版本:	Rel_3.2.1		

描述

【问题描述】一体化基站3UE空口长跑测试，Rel_3.2.1_Pre1T2-0225版本长跑46小时有1个终端掉线后一直接入不了（此时尝试用手机接入也接入不了）；

测试版本：一体化基站版本Rel_3.2.1_Pre1T2版本，核心网版本Rel_3.3.5_pre1

测试配置：2个星创易联CPE、1个四信CPE

测试场景：3个ue均处于好点，且不加任何衰减，上行100M*3，下行80M*3；

测试时间：0228 15:55启动长跑，到0302 14:36长跑46小时，有1个终端掉线后一直接入不了（此时尝试用手机接入也接入不了）；

Time	Source	Destination	Protocol	SFN	Slot	Info
101 2026-03-02 14:46:30.285088	192.168.68.	192.168.68.238	F1AP/NR RRC			ULRRCCMessageTransfer, Measurement Report MAC=0xe87d4515
107 2026-03-02 14:46:32.008034	192.168.68.	192.168.68.238	F1AP/NR RRC			ULRRCCMessageTransfer, Measurement Report MAC=0x72573368
109 2026-03-02 14:46:32.345138	192.168.68.	192.168.68.238	F1AP/NR RRC			ULRRCCMessageTransfer, Measurement Report MAC=0x61b04e3a
115 2026-03-02 14:46:34.044447	192.168.68.	192.168.68.238	F1AP/NR RRC			ULRRCCMessageTransfer, Measurement Report MAC=0x41c88d31
117 2026-03-02 14:46:34.413281	192.168.68.	192.168.68.238	F1AP/NR RRC			ULRRCCMessageTransfer, Measurement Report MAC=0x6831e5d5
123 2026-03-02 14:46:36.110504	192.168.68.	192.168.68.238	F1AP/NR RRC			ULRRCCMessageTransfer, Measurement Report MAC=0x16750518
125 2026-03-02 14:46:36.465105	192.168.68.	192.168.68.238	F1AP/NR RRC			ULRRCCMessageTransfer, Measurement Report MAC=0xdf3dbd8b
131 2026-03-02 14:46:38.164436	192.168.68.	192.168.68.238	F1AP/NR RRC			ULRRCCMessageTransfer, Measurement Report MAC=0x7786b00a
132 2026-03-02 14:46:38.284032	192.168.68.	192.168.68.238	F1AP/NR RRC			InitialULRRCCMessageTransfer, RRC Setup Request
134 2026-03-02 14:46:38.524527	192.168.68.	192.168.68.238	F1AP/NR RRC			ULRRCCMessageTransfer, Measurement Report MAC=0x36140228
135 2026-03-02 14:46:38.684005	192.168.68.	192.168.68.238	F1AP/NR RRC			InitialULRRCCMessageTransfer, RRC Setup Request
137 2026-03-02 14:46:38.764019	192.168.68.	192.168.68.238	F1AP/NR RRC			InitialULRRCCMessageTransfer, RRC Setup Request
138 2026-03-02 14:46:38.844381	192.168.68.	192.168.68.238	F1AP/NR RRC			InitialULRRCCMessageTransfer, RRC Setup Request
140 2026-03-02 14:46:38.924021	192.168.68.	192.168.68.238	F1AP/NR RRC			InitialULRRCCMessageTransfer, RRC Setup Request
141 2026-03-02 14:46:39.003935	192.168.68.	192.168.68.238	F1AP/NR RRC			InitialULRRCCMessageTransfer, RRC Setup Request
143 2026-03-02 14:46:39.084954	192.168.68.	192.168.68.238	F1AP/NR RRC			InitialULRRCCMessageTransfer, RRC Setup Request
144 2026-03-02 14:46:39.163965	192.168.68.	192.168.68.238	F1AP/NR RRC			InitialULRRCCMessageTransfer, RRC Setup Request
150 2026-03-02 14:46:40.240425	192.168.68.	192.168.68.238	F1AP/NR RRC			ULRRCCMessageTransfer, Measurement Report MAC=0x84a287dd
152 2026-03-02 14:46:40.584607	192.168.68.	192.168.68.238	F1AP/NR RRC			ULRRCCMessageTransfer, Measurement Report MAC=0x8d4c07ad
158 2026-03-02 14:46:42.300420	192.168.68.	192.168.68.238	F1AP/NR RRC			ULRRCCMessageTransfer, Measurement Report MAC=0xef49e639
160 2026-03-02 14:46:42.644639	192.168.68.	192.168.68.238	F1AP/NR RRC			ULRRCCMessageTransfer, Measurement Report MAC=0xdfc7965a
168 2026-03-02 14:46:44.360387	192.168.68.	192.168.68.238	F1AP/NR RRC			ULRRCCMessageTransfer, Measurement Report MAC=0xd1cee0a1f
170 2026-03-02 14:46:44.704681	192.168.68.	192.168.68.238	F1AP/NR RRC			ULRRCCMessageTransfer, Measurement Report MAC=0xd436be72
176 2026-03-02 14:46:46.420390	192.168.68.	192.168.68.238	F1AP/NR RRC			ULRRCCMessageTransfer, Measurement Report MAC=0xd96f296c
178 2026-03-02 14:46:46.764563	192.168.68.	192.168.68.238	F1AP/NR RRC			ULRRCCMessageTransfer, Measurement Report MAC=0x866292ed
184 2026-03-02 14:46:48.480314	192.168.68.	192.168.68.238	F1AP/NR RRC			ULRRCCMessageTransfer, Measurement Report MAC=0xe16eeab3
186 2026-03-02 14:46:48.824467	192.168.68.	192.168.68.238	F1AP/NR RRC			ULRRCCMessageTransfer, Measurement Report MAC=0xdddf183eb
190 2026-03-02 14:46:50.044026	192.168.68.	192.168.68.238	F1AP/NR RRC			InitialULRRCCMessageTransfer, RRC Setup Request
191 2026-03-02 14:46:50.123967	192.168.68.	192.168.68.238	F1AP/NR RRC			InitialULRRCCMessageTransfer, RRC Setup Request
195 2026-03-02 14:46:50.540371	192.168.68.	192.168.68.238	F1AP/NR RRC			ULRRCCMessageTransfer, Measurement Report MAC=0xd2e3db69f
197 2026-03-02 14:46:50.884458	192.168.68.	192.168.68.238	F1AP/NR RRC			ULRRCCMessageTransfer, Measurement Report MAC=0xd46f9687
205 2026-03-02 14:46:52.600254	192.168.68.	192.168.68.238	F1AP/NR RRC			ULRRCCMessageTransfer, Measurement Report MAC=0xab03a9d

历史记录

#1 - 2026-03-03 10:12 - 席振斌

- 状态从新建变更为进行中

#2 - 2026-03-03 10:29 - 席振斌

【问题原因】

- 1、没有在核心网注册的终端，接入流程失败场景，释放流程在相关的状态机下没有释放ue的代码；
 - 2、释放流程保底机制失效；
- 上述2个原因导致ue_conn资源释放失败，ue_id的号无法还回

【修改方案】

- 1、添加此场景下释放流程的代码；
- 2、修改释放流程保底机制代码逻辑；

【回归方法和注意事项】

构造没有在核心网注册的终端，接入流程失败场景，长时接入，看问题是否解决

#3 - 2026-03-03 10:29 - 席振斌

- 状态从进行中变更为审视

- 指派给从席振斌变更为杨杨乐

#4 - 2026-03-03 10:36 - 杨杨乐

- 指派给从杨杨乐变更为孙浩

#5 - 2026-03-04 16:09 - 杨杨乐

- 状态从审视变更为转测试

#6 - 2026-03-09 09:30 - 孙浩

- 文件 核心网未注册终端接入流程.png 已添加

- 文件 238-0306-1049.rar 已添加

- 状态从转测试变更为已解决

基于Rel_3.2.1_Pre1T2版本，替换cu小包，3终端运行70小时终端有掉线，但都可快速接入，核心网未注册终端接入流程也无异常，符合预期，问题解决

No.	Time	Source	Source port	Destination	Destination	Protocol	C-RNTI	Info	DU-UE	CU-UE	UE-NGAP	measId	5G-TMSI	MSIN	fiveQI
81516	15:35:09.790008	192.168.68.238	38473	192.168.68.238	38472	FIAP/NR RRC	17118	InitialULRRCCMessageTransfer, RRC Setup Request	133						
81517	15:35:09.791576	192.168.68.238	38472	192.168.68.238	38473	FIAP/NR RRC		DLRRCCMessageTransfer, RRC Setup	133	133					
81518	15:35:09.832773	192.168.68.238	38473	192.168.68.238	38472	FIAP/NR RRC		ULRRCCMessageTransfer, RRC Setup Complete, Registration request MAC=0x00000000	133	133				0000000026	
81519	15:35:09.833787	192.168.68.238	38412	192.168.68.18	38412	NGAP/NAS-5GS		InitialUPMessage, Registration request			133			0000000026	
81522	15:35:10.388659	192.168.68.238	38473	192.168.68.238	38472	FIAP/NR RRC		ULRRCCMessageTransfer, Measurement Report MAC=0xb39c0a7e3	1	1		1			
81523	15:35:10.530298	192.168.68.238	38473	192.168.68.238	38472	FIAP/NR RRC		ULRRCCMessageTransfer, Measurement Report MAC=0xb84bc3336	10	10		1			
81525	15:35:10.950763	192.168.68.238	38473	192.168.68.238	38472	FIAP/NR RRC		ULRRCCMessageTransfer, Measurement Report MAC=0xcc6584da	2	2		1			
81529	15:35:11.791404	192.168.68.238	38472	192.168.68.238	38473	FIAP		UEContextReleaseCommand	133	133					
81530	15:35:11.791666	192.168.68.238	38473	192.168.68.238	38472	FIAP		UEContextReleaseComplete	133	133					
81534	15:35:12.449684	192.168.68.238	38473	192.168.68.238	38472	FIAP/NR RRC		ULRRCCMessageTransfer, Measurement Report MAC=0x1356e0f	1	1		1			
81535	15:35:12.589700	192.168.68.238	38473	192.168.68.238	38472	FIAP/NR RRC		ULRRCCMessageTransfer, Measurement Report MAC=0xb3eac52d	10	10		1			
81537	15:35:13.010958	192.168.68.238	38473	192.168.68.238	38472	FIAP/NR RRC		ULRRCCMessageTransfer, Measurement Report MAC=0xb9b9a0b0	2	2		1			
81541	15:35:14.589733	192.168.68.238	38473	192.168.68.238	38472	FIAP/NR RRC		ULRRCCMessageTransfer, Measurement Report MAC=0xc8f1d0d3	1	1		1			
81540	15:35:14.651071	192.168.68.238	38473	192.168.68.238	38472	FIAP/NR RRC		ULRRCCMessageTransfer, Measurement Report MAC=0xc5262a7	10	10		1			
81544	15:35:15.070343	192.168.68.238	38473	192.168.68.238	38472	FIAP/NR RRC		ULRRCCMessageTransfer, Measurement Report MAC=0xb59661db7	2	2		1			
81550	15:35:15.569878	192.168.68.238	38473	192.168.68.238	38472	FIAP/NR RRC		ULRRCCMessageTransfer, Measurement Report MAC=0xbca890559	1	1		1			
81551	15:35:16.712769	192.168.68.238	38473	192.168.68.238	38472	FIAP/NR RRC		ULRRCCMessageTransfer, Measurement Report MAC=0xb659f0922	10	10		1			
81553	15:35:17.129688	192.168.68.238	38473	192.168.68.238	38472	FIAP/NR RRC		ULRRCCMessageTransfer, Measurement Report MAC=0xb6e42e27a	2	2		1			
81559	15:35:18.630226	192.168.68.238	38473	192.168.68.238	38472	FIAP/NR RRC		ULRRCCMessageTransfer, Measurement Report MAC=0xb3a3dd2d9	1	1		1			
81560	15:35:18.771040	192.168.68.238	38473	192.168.68.238	38472	FIAP/NR RRC		ULRRCCMessageTransfer, Measurement Report MAC=0xb889877c8	10	10		1			
81562	15:35:18.189834	192.168.68.238	38473	192.168.68.238	38472	FIAP/NR RRC		ULRRCCMessageTransfer, Measurement Report MAC=0xb66b2ea86	2	2		1			
81568	15:35:20.690247	192.168.68.238	38473	192.168.68.238	38472	FIAP/NR RRC		ULRRCCMessageTransfer, Measurement Report MAC=0xi4094d13	1	1		1			
81569	15:35:20.822916	192.168.68.238	38473	192.168.68.238	38472	FIAP/NR RRC		ULRRCCMessageTransfer, Measurement Report MAC=0x50a45139	10	10		1			
81571	15:35:21.248905	192.168.68.238	38473	192.168.68.238	38472	FIAP/NR RRC		ULRRCCMessageTransfer, Measurement Report MAC=0xb11cf1cfd	2	2		1			
81576	15:35:21.329753	192.168.68.238	38473	192.168.68.238	38472	FIAP/NR RRC	17119	InitialULRRCCMessageTransfer, RRC Setup Request	134						
81577	15:35:21.932046	192.168.68.238	38472	192.168.68.238	38473	FIAP/NR RRC		DLRRCCMessageTransfer, RRC Setup	134	134					
81578	15:35:21.973453	192.168.68.238	38473	192.168.68.238	38472	FIAP/NR RRC		ULRRCCMessageTransfer, RRC Setup Complete, Registration request MAC=0x00000000	134	134				0000000026	
81579	15:35:21.975416	192.168.68.238	38412	192.168.68.18	38412	NGAP/NAS-5GS		InitialUPMessage, Registration request			134			0000000026	
81583	15:35:22.749662	192.168.68.238	38473	192.168.68.238	38472	FIAP/NR RRC		ULRRCCMessageTransfer, Measurement Report MAC=0xc821330a	1	1		1			
81584	15:35:22.889717	192.168.68.238	38473	192.168.68.238	38472	FIAP/NR RRC		ULRRCCMessageTransfer, Measurement Report MAC=0xb5a7dcd6	10	10		1			
81586	15:35:23.389713	192.168.68.238	38473	192.168.68.238	38472	FIAP/NR RRC		ULRRCCMessageTransfer, Measurement Report MAC=0xbcb49cc2	2	2		1			
81590	15:35:23.931796	192.168.68.238	38472	192.168.68.238	38473	FIAP		UEContextReleaseCommand	134	134					
81591	15:35:23.932356	192.168.68.238	38473	192.168.68.238	38472	FIAP		UEContextReleaseComplete	134	134					
81595	15:35:24.010909	192.168.68.238	38473	192.168.68.238	38472	FIAP/NR RRC		ULRRCCMessageTransfer, Measurement Report MAC=0xb244cf002	1	1		1			
81596	15:35:24.952774	192.168.68.238	38473	192.168.68.238	38472	FIAP/NR RRC		ULRRCCMessageTransfer, Measurement Report MAC=0xb3a8db19	10	10		1			

文件

文件名	大小	日期	指派给
抓包截图.jpg	753 KB	2026-03-02	孙浩
238基站1终端掉线后接入不了日志-0302.part01.rar	100 MB	2026-03-02	孙浩
238基站1终端掉线后接入不了日志-0302.part02.rar	100 MB	2026-03-02	孙浩
238基站1终端掉线后接入不了日志-0302.part03.rar	90.8 MB	2026-03-02	孙浩
核心网未注册终端接入流程.png	118 KB	2026-03-09	孙浩
238-0306-1049.rar	20.3 MB	2026-03-09	孙浩