

3.0基站产品测试 - 错误 #3717

异频xn乒乓切换1小时多出现只上报A5事件无切换流程现象

2025-07-09 17:37 - 孙浩

状态:	进行中	开始日期:	2025-07-09
优先级:	普通	计划完成日期:	
指派给:	杨 杨乐	% 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	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】使用T4的du包，替换cu包，异频xn乒乓切换1小时多241基站出现只上报A5无切换流程现象，最后一次正常切换流程如下；

242-1540.pcap

No.	Time	Source	Source port	Destination	Destination port	Protocol	C-RNTI	Info	DU-UE	CU-UE	UE-NGAP	measId	5G-TMSI	MSIN	fiveQI	SRBID	dlb-i
101522	16:33:52.329396	192.168.62.242	38412	192.168.62.10	38412	NGAP		PathSwitchRequest				895					
101523	16:33:52.331567	192.168.62.10	38412	192.168.62.242	38412	NGAP		PathSwitchRequestAcknowledge				895					
101524	16:33:52.332497	192.168.62.242	38422	192.168.62.241	38423	XnAP		UEContextRelease									
101525	16:33:52.333571	192.168.62.242	38472	192.168.62.242	38473	FlAP		UEContextModificationRequest	3457	895							
101526	16:33:52.334365	192.168.62.242	38473	192.168.62.242	38472	FlAP		UEContextModificationResponse	3457	895							
101527	16:33:52.343655	192.168.62.242	38472	192.168.62.242	38473	FlAP/NR RRC		DLRRMessageTransfer, RRC Reconfiguration MAC=0xb958bd6e	3457	895		1,2,3					1
101528	16:33:52.416279	192.168.62.242	38473	192.168.62.242	38472	FlAP/NR RRC		ULRRMessageTransfer, Measurement Report MAC=0xa49d2983	3457	895		2					1
101529	16:33:52.479774	192.168.62.242	38473	192.168.62.242	38472	FlAP/NR RRC		ULRRMessageTransfer, RRC Reconfiguration Complete MAC=0xae6f10a2	3457	895							1
101533	16:33:52.546168	192.168.62.242	38473	192.168.62.242	38472	FlAP/NR RRC		ULRRMessageTransfer, Measurement Report MAC=0xb958bd6e	3457	895		3					1
101534	16:33:52.549838	192.168.62.242	38423	192.168.62.241	38422	XnAP		HandoverRequest, RRC Reconfiguration[Malformed Packet]						1,2,3			
101535	16:33:52.576120	192.168.62.241	38422	192.168.62.242	38423	XnAP		HandoverRequestAcknowledge, RRC Reconfiguration									
101536	16:33:52.684196	192.168.62.242	38472	192.168.62.242	38473	FlAP/NR RRC		UEContextModificationRequest, RRC Reconfiguration MAC=0x8506b5a1	3457	895							
101537	16:33:52.686996	192.168.62.242	38473	192.168.62.242	38472	FlAP		UEContextModificationResponse	3457	895							
101538	16:33:52.776725	192.168.62.241	38422	192.168.62.242	38423	XnAP		UEContextRelease									
101548	16:33:52.727876	192.168.62.242	38473	192.168.62.241	38422	XnAP		SNStatusTransfer									
101545	16:33:54.416692	192.168.62.242	38473	192.168.62.242	38472	FlAP		UEContextModificationRequired	3457	895							
101546	16:33:54.455465	192.168.62.242	38472	192.168.62.242	38473	FlAP		UEContextReleaseCommand	3457	895							
101547	16:33:54.555104	192.168.62.242	38473	192.168.62.242	38472	FlAP		UEContextReleaseComplete	3457	895							
101548	16:33:54.571659	192.168.62.242	38412	192.168.62.10	38412	NSAP		UEContextReleaseComplete				895					
101549	16:33:54.572433	192.168.62.10	38412	192.168.62.242	38412	NSAP		ErrorIndication				895					

241-1534.pcap

No.	Time	Source	Source port	Destination	Destination port	Protocol	C-RNTI	Info	DU-UE	CU-UE	UE-NGAP	measId	5G-TMSI	MSIN	fiveQI	SRBID	dlb-i
104359	16:33:52.337664	192.168.62.241	38472	192.168.62.241	38473	FlAP		UEContextReleaseCommand	3467	905							
104360	16:33:52.337811	192.168.62.241	38473	192.168.62.241	38472	FlAP		UEContextReleaseComplete	3467	905							
104363	16:33:52.553299	192.168.62.242	38423	192.168.62.241	38422	XnAP		HandoverRequest, RRC Reconfiguration[Malformed Packet]				1,2,3					
104364	16:33:52.569266	192.168.62.241	38472	192.168.62.241	38473	FlAP		UEContextSetupRequest, RRC Reconfiguration	906	906		1,2,3				9,9	
104365	16:33:52.571179	192.168.62.241	38473	192.168.62.241	38472	FlAP	17067	UEContextSetupResponse	3468	906							
104366	16:33:52.580200	192.168.62.241	38422	192.168.62.242	38423	XnAP		HandoverRequestAcknowledge, RRC Reconfiguration									
104368	16:33:52.777560	192.168.62.241	38473	192.168.62.241	38472	FlAP/NR RRC		ULRRMessageTransfer, RRC Reconfiguration Complete MAC=0x8e5df03	3468	906							1
104369	16:33:52.778246	192.168.62.241	38412	192.168.62.10	38412	NSAP		PathSwitchRequest				906					
104370	16:33:52.780388	192.168.62.10	38412	192.168.62.241	38412	NSAP		PathSwitchRequestAcknowledge				906					
104371	16:33:52.788015	192.168.62.241	38422	192.168.62.242	38423	XnAP		UEContextRelease									
104373	16:33:52.781751	192.168.62.241	38472	192.168.62.241	38473	FlAP		UEContextModificationRequest	3468	906							
104374	16:33:52.782377	192.168.62.241	38473	192.168.62.241	38472	FlAP		UEContextModificationResponse	3468	906							
104375	16:33:52.782943	192.168.62.242	38423	192.168.62.241	38422	XnAP		SNStatusTransfer									
104376	16:33:52.785889	192.168.62.241	38473	192.168.62.241	38473	FlAP/NR RRC		DLRRMessageTransfer, RRC Reconfiguration MAC=0xac7ac7d9	3468	906		1,2,3					1
104377	16:33:52.796537	192.168.62.241	38473	192.168.62.241	38472	FlAP/NR RRC		ULRRMessageTransfer, RRC Reconfiguration Complete MAC=0x438c794	3468	906							1
104378	16:33:52.804939	192.168.62.241	38473	192.168.62.241	38472	FlAP/NR RRC		ULRRMessageTransfer, Measurement Report MAC=0xf5508f	3468	906		2					1
104380	16:33:52.855022	192.168.62.241	38472	192.168.62.241	38472	FlAP/NR RRC		ULRRMessageTransfer, Measurement Report MAC=0xa410f215	3468	906		3					1
104386	16:33:53.082940	192.168.62.241	38473	192.168.62.241	38472	FlAP/NR RRC		ULRRMessageTransfer, Measurement Report MAC=0x2ef00717	3468	906		2					1

相关的问题:

关联到 3.0基站产品测试 - 错误 #3096: cpe上下行峰值灌包下异频正常切换多次后切换失败且cu界面打印...	已关闭	2025-04-03
关联到 3.0基站产品测试 - 错误 #3645: 在切入状态下，DU上报信令UEContextReleaseRe...	已关闭	2025-07-01
关联到 3.0基站产品测试 - 错误 #3646: 3.1.2_Pre1T3版本异频乒乓切换有内存泄露	进行中	2025-07-01
关联到 3.0基站产品测试 - 错误 #3654: 异频xn乒乓切换cucoredump	进行中	2025-07-02
关联到 3.0基站产品测试 - 错误 #3655: 异频xn乒乓切换出现ducoredump	已解决	2025-07-02
关联到 3.0基站产品测试 - 错误 #3729: T4版本异频xn乒乓切换2小时du界面打印内存耗尽导致切换停止	进行中	2025-07-11

历史记录

#1 - 2025-07-09 17:38 - 孙浩

- 关联到 错误#3096: cpe上下行峰值灌包下异频正常切换多次后切换失败且cu界面打印circular que empty 已添加

#2 - 2025-07-09 17:39 - 孙浩

- 关联到 错误#3645: 在切入状态下，DU上报信令UEContextReleaseRequest，导致流程异常，UE挂在基站上无法被释放 已添加

#3 - 2025-07-09 17:39 - 孙浩

- 关联到 错误#3646: 3.1.2_Pre1T3版本异频乒乓切换有内存泄露 已添加

#4 - 2025-07-09 17:39 - 孙浩

- 关联到 错误#3654: 异频xn乒乓切换cucooredump 已添加

#5 - 2025-07-09 17:39 - 孙浩

- 关联到 错误#3655: 异频xn乒乓切换出现ducooredump 已添加

#6 - 2025-07-11 09:49 - 孙浩

- 文件T4版本异频xn乒乓切换3小时出现上报A5无切换流程日志-0711.part01.rar 已添加

- 文件T4版本异频xn乒乓切换3小时出现上报A5无切换流程日志-0711.part02.rar 已添加

在3.1.2_Pre1T4版本，异频xn乒乓切换运行3小时多也出现上报A5无切换流程且有内存泄露，共运行12小时暂无挂死。

#7 - 2025-07-11 16:11 - 孙浩

- 关联到 错误#3729: T4版本异频xn乒乓切换2小时du界面打印内存耗尽导致切换停止 已添加

#8 - 2025-07-15 15:26 - 杨杨乐

- 状态从 新建 变更为 进行中

文件

源基站抓包.jpg	457 KB	2025-07-09	孙浩
目标基站抓包.jpg	422 KB	2025-07-09	孙浩
异频xn乒乓切换1小时多241基站上报A5没切换-0709.rar	80.4 MB	2025-07-09	孙浩
T4版本异频xn乒乓切换3小时出现上报A5无切换流程日志-0711.part02.rar	69.7 MB	2025-07-11	孙浩
T4版本异频xn乒乓切换3小时出现上报A5无切换流程日志-0711.part01.rar	100 MB	2025-07-11	孙浩