

3.0基站产品测试 - 错误 #2905

3.0基站logwriter生成日志时间顺序错乱

2025-02-28 09:14 - 孙浩

状态:	已关闭	开始日期:	2025-02-28
优先级:	普通	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	目标解决问题版本:	Rel_3.0.0
发现问题版本:	Rel_3.0.0		

描述

【问题描述】3.0基站logwriter生成日志时间顺序错乱，需要定位分析；

gnb_cu_20250221T213727_20250227092300.yzb.log

145 [291][2025-02-24T09:35:08.360][GNB_MGR][t:2533667248][ue_cntrl_thread.cpp:1992][TRC]do.it handle_show_stats

146 [292][2025-02-24T09:35:08.361][UE_CONN_MGR][t:2538078640][throughout_singleton.cpp:129][TRC]THROUGHT_SINGLETON_CLEAR

147 [293][2025-02-24T09:35:08.361][GNB_MGR][t:2538078640][throughout_singleton.cpp:104][TRC]No UE to send.

148 [294][2025-02-24T09:35:09.360][GNB_MGR][t:2533667248][ue_cntrl_thread.cpp:1992][TRC]do.it handle_show_stats

149 [295][2025-02-24T09:35:09.361][UE_CONN_MGR][t:2538078640][throughout_singleton.cpp:129][TRC]THROUGHT_SINGLETON_CLEAR

150 [296][2025-02-24T09:35:09.361][GNB_MGR][t:2538078640][throughout_singleton.cpp:316][TRC]SEND ALL ADD UE RELATION

151 [297][2025-02-24T09:35:09.361][UE_CONN_MGR][t:2538078640][throughout_rate_data.h:384][TRC]UE_RELATION_SERVICE_V1 PRINT,m_data_num:0

152 [298][2025-02-24T09:35:09.361][APP][t:2538078640][throughout_rate_data.h:27][TRC]HEADER_DATA: MODULE_ID:0,msg_type:4,version:1

153 [299][2025-02-24T09:35:10.360][GNB_MGR][t:2533667248][ue_cntrl_thread.cpp:1992][TRC]do.it handle_show_stats

154 [300][2025-02-24T09:35:10.360][UE_CONN_MGR][t:2538078640][throughout_singleton.cpp:129][TRC]THROUGHT_SINGLETON_CLEAR

155 [301][2025-02-24T09:35:10.360][GNB_MGR][t:2538078640][throughout_singleton.cpp:104][TRC]No UE to send.

156 [302][2025-02-24T09:35:11.360][GNB_MGR][t:2533667248][ue_cntrl_thread.cpp:1992][TRC]do.it handle_show_stats

157 [303][2025-02-24T09:35:11.360][UE_CONN_MGR][t:2538078640][throughout_singleton.cpp:129][TRC]THROUGHT_SINGLETON_CLEAR

158 [304][2025-02-24T09:35:12.360][GNB_MGR][t:2533667248][ue_cntrl_thread.cpp:1992][TRC]do.it handle_show_stats

159 [305][2025-02-24T09:35:12.361][UE_CONN_MGR][t:2538078640][throughout_singleton.cpp:129][TRC]THROUGHT_SINGLETON_CLEAR

160 [306][2025-02-24T09:35:12.361][GNB_MGR][t:2538078640][throughout_singleton.cpp:104][TRC]No UE to send.

161 [307][2025-02-24T09:35:13.361][GNB_MGR][t:2533667248][ue_cntrl_thread.cpp:1992][TRC]do.it handle_show_stats

162 [308][2025-02-24T09:35:13.361][UE_CONN_MGR][t:2538078640][throughout_singleton.cpp:129][TRC]THROUGHT_SINGLETON_CLEAR

163 [309][2025-02-24T09:35:14.361][GNB_MGR][t:2533667248][ue_cntrl_thread.cpp:1992][TRC]do.it handle_show_stats

164 [310][2025-02-24T09:35:14.361][UE_CONN_MGR][t:2538078640][throughout_singleton.cpp:129][TRC]THROUGHT_SINGLETON_CLEAR

165 [311][2025-02-24T09:35:14.361][GNB_MGR][t:2538078640][throughout_singleton.cpp:104][TRC]No UE to send.

166 [312][2025-02-24T09:35:14.361][GNB_MGR][t:2538078640][throughout_singleton.cpp:316][TRC]SEND ALL ADD UE RELATION

167 [313][2025-02-24T09:35:14.361][UE_CONN_MGR][t:2538078640][throughout_rate_data.h:384][TRC]UE_RELATION_SERVICE_V1 PRINT,m_data_num:0

168 [314][2025-02-24T09:35:14.361][APP][t:2538078640][throughout_rate_data.h:27][TRC]HEADER_DATA: MODULE_ID:0,msg_type:4,version:1

169 [315][2025-02-24T09:35:15.361][GNB_MGR][t:2533667248][ue_cntrl_thread.cpp:1992][TRC]do.it handle_show_stats

170 [316][2025-02-24T09:35:15.361][UE_CONN_MGR][t:2538078640][throughout_singleton.cpp:129][TRC]THROUGHT_SINGLETON_CLEAR

171 [318][2025-03-14T02:30:53.186][UE_CONN_MGR][t:2538078640][throughout_singleton.cpp:129][TRC]THROUGHT_SINGLETON_CLEAR

172 [319][2025-03-14T02:30:53.186][GNB_MGR][t:2538078640][throughout_singleton.cpp:104][TRC]No UE to send.

173 [320][2025-02-27T09:22:23.866][GNB_MGR][t:2533667248][ue_cntrl_thread.cpp:1992][TRC]do.it handle_show_stats

174 [321][2025-02-27T09:22:23.866][UE_CONN_MGR][t:2538078640][throughout_singleton.cpp:129][TRC]THROUGHT_SINGLETON_CLEAR

175 [322][2025-02-27T09:22:24.866][GNB_MGR][t:2533667248][ue_cntrl_thread.cpp:1992][TRC]do.it handle_show_stats

176 [323][2025-02-27T09:22:24.866][UE_CONN_MGR][t:2538078640][throughout_singleton.cpp:129][TRC]THROUGHT_SINGLETON_CLEAR

177 [324][2025-02-27T09:22:24.866][GNB_MGR][t:2538078640][throughout_singleton.cpp:104][TRC]No UE to send.

178 [325][2025-02-27T09:22:25.866][GNB_MGR][t:2533667248][ue_cntrl_thread.cpp:1992][TRC]do.it handle_show_stats

179 [326][2025-02-27T09:22:25.866][UE_CONN_MGR][t:2538078640][throughout_singleton.cpp:129][TRC]THROUGHT_SINGLETON_CLEAR

180 [327][2025-02-27T09:22:25.866][GNB_MGR][t:2538078640][throughout_singleton.cpp:316][TRC]SEND ALL ADD UE RELATION

历史记录

- #1 - 2025-02-28 09:24 - 席振斌
- 原因：GPS对时前的部分日志logwriter是算出日志产生的时间和操作系统刚reboot的时间的时间差，等到GPS时间对时后，再根据时间差换算到对时后的时间上，cu和du程序在发现gps对时成功后，会改变每个共享内存块的start time，这三个程序对于gps对时ok的时间点不一致，longwriter对于对时前和对时后的两部分日志的时间就会有差异。
- 修改方法：都采用logwriter感知到的gps对时ok的时间点为基础得到每条日志的时间
- #2 - 2025-02-28 09:24 - 席振斌
- 状态从新建变更为转测试
- 指派给从席振斌变更为孙浩
- #3 - 2025-02-28 11:49 - 孙浩
- 文件gnb_du_20250222T223310_20250227185030.yzb.log已添加
- 文件logwriter_Trace_20190214101334.log已添加
- 文件gnb_cu_20250221T213727_20250227185030.yzb.log已添加
- 状态从转测试变更为已解决
- 基于Rel_3.0.0_Pre1T4版本，替换振斌提供logwriter包，logwriter生成du与cu日志未出现时间乱序现象，问题解决。

#4 - 2025-03-03 16:50 - 孙浩

- 文件 gnb_du_20250301T021703_20250303163142.yzb.log 已添加
- 文件 gnb_cu_20250303T215424_20250303163141.yzb.log 已添加
- 状态 从 已解决 变更为 已关闭

在Rel_3.0.0_Pre1T5版本上，logwriter生成du与cu日志按照时间顺序正常输出完整日志，未出现时间乱序现象，问题关闭。

文件				
日志截图.jpg	530 KB	2025-02-28	孙浩	
gnb_du_20250222T223310_20250227185030.yzb.log	442 KB	2025-02-28	孙浩	
logwriter_Trace_20190214101334.log	250 KB	2025-02-28	孙浩	
gnb_cu_20250221T213727_20250227185030.yzb.log	625 KB	2025-02-28	孙浩	
gnb_du_20250301T021703_20250303163142.yzb.log	12.9 KB	2025-03-03	孙浩	
gnb_cu_20250303T215424_20250303163141.yzb.log	219 KB	2025-03-03	孙浩	