

Status:	CLOSED	Start date:	2023-06-09
Priority:	High	Due date:	
Assignee:	CDTS_Test 吴诗雨	% Done:	0%
Category:	CD-FW	Estimated time:	0.00 hour
Target version:			
Need_Info:	--	Found Version:	【副屏版本】：01.00.0106 【中控版本】：03.02.0088.C103
Resolution:	DUPLICATE	Degrated:	--
Severity:	Major	Verified Version:	
Reproducibility:	Every time	Fixed Version:	
Test Type:	ST	Root cause:	

Description

【测试手順】：副屏执行monkey稳定性测试

【预期结果】：无黑卡死等严重问题发生，无Crash、ANR、Tombstone内存泄露等

【实际结果】：三方应用报错：ANR/Crash/tombstone

【测试环境】：中控+AMP+副屏

备注：
此票用以跟踪三方应用Crash，各版本详细信息见comment

History

#1 - 2023-06-09 15:19 - CDTS_Test 吴诗雨

【测试环境】：中控+AMP+副屏

【副屏版本】：01.00.0106

【中控版本】：03.02.0088.C103

【VIN】：HRYTTESTVINMGM816

【全量日志】：<https://ofs.human-horizons.com/#!/download/index/O8jsc%2BKqeU4%3D>

【三方应用crash列表】：

{'com.youku.phone发生ANR次数': 2, 'com.tencent.qqlive发生ANR次数': 4, 'com.moji.mjweather发生ANR次数': 1, 'com.cmcc.cmvideo发生ANR次数': 4, 'com.tencent.qqmusic发生ANR次数': 3, 'com.ss.android.auto发生ANR次数': 6, 'com.qiyi.video发生ANR次数': 4, 'com.duowan.kiwi发生ANR次数': 4, 'com.cubic.autohome发生ANR次数': 1, 'com.ss.android.ugc.live发生ANR次数': 6, 'ctrip.android.view发生ANR次数': 3, 'com.huawei.appmarket发生ANR次数': 2, 'com.netease.cloudmusic发生ANR次数': 1, 'com.netease.cloudmusic:browser发生ANR次数': 3}

#2 - 2023-06-09 15:23 - CDTS_Test 吴诗雨

ftp://cdiot@192.168.87.46/Pre_figure/Test_Log/118710

#3 - 2023-06-09 17:00 - CD FW 曹覃刚

■ 我的分析

```
11-11 09:57:37.957 1565 23556 E ActivityManager: ANR in com.tencent.qqlive
11-11 09:57:37.957 1565 23556 E ActivityManager: PID: 553
11-11 09:57:37.957 1565 23556 E ActivityManager: Reason: executing service com.tencent.qqlive/.modules.vb.loginservice.LoginDaemon
11-11 09:57:37.957 1565 23556 E ActivityManager: Frozen: false
11-11 09:57:37.957 1565 23556 E ActivityManager: Load: 45.74 / 64.71 / 68.9
11-11 09:57:37.957 1565 23556 E ActivityManager: ----- Output from /proc/pressure/memory -----
11-11 09:57:37.957 1565 23556 E ActivityManager: some avg10=14.13 avg60=21.08 avg300=30.65 total=8794826075
11-11 09:57:37.957 1565 23556 E ActivityManager: full avg10=0.68 avg60=1.15 avg300=1.43 total=491252635
11-11 09:57:37.957 1565 23556 E ActivityManager: ----- End output from /proc/pressure/memory -----
11-11 09:57:37.957 1565 23556 E ActivityManager:
11-11 09:57:37.957 1565 23556 E ActivityManager: CPU usage from 0ms to 22646ms later (2022-11-11 09:57:15.254 to 2022-11-11 09:57:37.900):
11-11 09:57:37.957 1565 23556 E ActivityManager: 90% 2745/hht_ota_mgr: 36% user + 53% kernel
11-11 09:57:37.957 1565 23556 E ActivityManager: 62% 17213/com.zhihu.android: 48% user + 13% kernel / faults: 85837 minor 44 major
...
11-11 09:57:37.957 1565 23556 E ActivityManager: 92% TOTAL: 45% user + 40% kernel + 2% iowait + 2.6% irq + 1.4% softirq
11-11 09:57:37.957 1565 23556 E ActivityManager: CPU usage from 72ms to 648ms later (2022-11-11 09:57:15.326 to 2022-11-11 09:57:15.902)
cpu占用超90%
```

```
11-11 09:57:46.323 1565 2636 I am_meminfo: [396775424,208973824,1354592256,810651648,910783488]
内存剩余200M，总的8G，内存占用极高
```

检查anr的trace文件，没有死锁等异常，单纯是因为设备负载拉满了(点)，处理内容缓慢，导致超时发生大量anr

在不安装额外应用的设备中跑monkey，基本不会有anr发生

hht_ota_mgr经常占用较高cpu使用率

原因为上述分析的点，根本原因可以归结为，monkey测试时，启动了太多的应用与后台任务，造成cpu和内存拉满，导致设备响应慢
对于这个问题的处理方式

- 1.待后台任务数量控制功能开发完成，应该会有改善
- 2.hht_ota_mgr待客户分析
- 3.持续的系统优化需求开发...

#4 - 2023-06-13 15:06 - CD FW 曹覃刚

- Status changed from New to RESOLVED
- Assignee changed from CD FW 曹覃刚 to CDTS_Test 吴诗雨
- Resolution changed from -- to DUPLICATE

转到JIRA上跟踪

#5 - 2023-07-12 15:47 - CD TEST-方永红

- Status changed from RESOLVED to VERIFIED

#6 - 2023-07-12 15:47 - CD TEST-方永红

- Status changed from VERIFIED to CLOSED