

Figure - Bug #118875

【AF】【EVT3】【腾讯视频】跑完monkey后腾讯视频无法打开，等待其进入屏保、熄屏后，点亮屏幕->设备黑屏，背光亮

2023-06-21 15:31 - CD TEST-方永红

Status:	New	Start date:	2023-06-21
Priority:	Urgent	Due date:	
Assignee:	CD FW 曹覃刚	% Done:	0%
Category:	黑屏	Estimated time:	0.00 hour
Target version:		Found Version:	0621-DB
Need_Info:	--	Degrated:	--
Resolution:	--	Verified Version:	
Severity:	Critical	Fixed Version:	
Reproducibility:	Rarely	Root cause:	
Test Type:	ST		
Description			
【测试版本】 0621-db ftp://cdiot@192.168.87.46/Pre_figure/DailyBuild/Pre_figure_turbox-c2130c-la1.1-qssi12-dev/user/20230621/0449/FlatBuild_HH_MCE_FSE.M.D.user.01.00.C105%28X105%29.202306210449.zip			
【测试前提】 ota升级至0621DB-monkey测试3小时左右			
【测试步骤】 1、连接蓝牙耳机 2、打开腾讯视频			
【测试结果】 2、腾讯视频无法正常打开（具体现象见视频） 等待期间-设备进入屏保、5秒后熄屏 点亮屏幕->设备黑屏、背光亮，无内容显示（投屏可用但也无内容显示）			

History

#1 - 2023-06-21 15:37 - CD TEST-方永红

ftp://cdiot@192.168.87.46/Pre_figure/Test_Log/118875

#2 - 2023-06-21 15:49 - CD TPM-王祥林

- Assignee changed from CD TPM-王祥林 to CD FW 郑雷

#3 - 2023-06-21 19:00 - CD FW 郑雷

[当前状态]

06-21 16:02:26.839 1599 1862 W ActivityManager: Missing app error report, app = com.android.launcher3 crashing = false notResponding = true
06-21 16:02:26.839 1599 1862 W ActivityManager: Missing app error report, app = com.baidu.appsearch crashing = false notResponding = true
06-21 16:02:26.839 1599 1862 W ActivityManager: Missing app error report, app = com.tencent.qqmusicpad crashing = false notResponding = true
06-21 16:02:26.839 1599 1862 W ActivityManager: Missing app error report, app = com.hryt.lebotp crashing = false notResponding = true
06-21 16:02:26.839 1599 1862 W ActivityManager: Missing app error report, app = com.thundercomm.gamemode crashing = false notResponding = true
系统很多app无响应，说明系统资源比较紧张的状态。

但是CPU的负载和利用率是处于比较ok的状态

DUMP OF SERVICE CRITICAL cpuinfo:

Load: 5.84 / 6.07 / 6.61

CPU usage from 109260ms to 48509ms ago (2023-06-21 15:59:20.045 to 2023-06-21 16:00:20.796):

11% 1599/system_server: 6.4% user + 4.7% kernel / faults: 6847 minor
10% 31042/com.qiyi.video.lite.plugin1: 9.1% user + 1.4% kernel / faults: 19537 minor
8.7% 3409/com.hryt.lebotp: 3.8% user + 4.9% kernel / faults: 4198 minor
3.4% 6769/com.qiyi.video.lite: 1% user + 2.3% kernel / faults: 156 minor
3% 21481/com.baidu.appsearch: 2% user + 1% kernel / faults: 1074 minor
1.9% 19469/com.tencent.qqmusic: 0.9% user + 1% kernel / faults: 406 minor
1.6% 702/netd: 0.5% user + 1.1% kernel / faults: 1808 minor
1.4% 1003/surfaceflinger: 0.6% user + 0.8% kernel / faults: 2 minor
1.1% 533/logd: 0.3% user + 0.8% kernel / faults: 30 minor
1% 19263/com.tencent.qqmusic:QQPlayerService: 0.5% user + 0.5% kernel / faults: 91 minor
0.9% 32610/kworker/u16:2-ufs_clkscaling_0: 0% user + 0.9% kernel
0.9% 30871/com.tencent.qqlive:cache: 0.3% user + 0.5% kernel / faults: 51 minor
0.8% 1189/tlog: 0.4% user + 0.3% kernel / faults: 43 minor
0.8% 3222/com.android.providers.media.module: 0.4% user + 0.4% kernel / faults: 3155 minor
0.7% 18811/kworker/u16:9-kgsI-mementry: 0% user + 0.7% kernel
0.6% 5716/kworker/u16:15-devfreq_wq: 0% user + 0.6% kernel / faults: 3 minor
0.6% 23590/com.ss.android.ugc.aweme: 0.4% user + 0.2% kernel / faults: 342 minor
0.6% 2329/dp_rx_thread_0: 0% user + 0.6% kernel
0.5% 18800/kworker/u16:4-ufs_pm_qos_0: 0% user + 0.5% kernel
0.5% 22150/kworker/u16:12-kverityd: 0% user + 0.5% kernel
0.5% 30812/kworker/u16:14-adb: 0% user + 0.5% kernel / faults: 1 minor
0.5% 2248/com.android.networkstack.process: 0.4% user + 0% kernel / faults: 1299 minor
0.5% 703/zygote64: 0% user + 0.5% kernel / faults: 925 minor
0.4% 10/rcu_preempt: 0% user + 0.4% kernel
0.3% 22606/com.qiyi.video.lite:downloader: 0.2% user + 0.1% kernel / faults: 1 minor
0.3% 30666/com.tencent.qqlive: 0.1% user + 0.2% kernel / faults: 134 minor
0.3% 2365/com.thundercomm.microservice: 0.1% user + 0.1% kernel / faults: 156 minor
0.3% 11180/kworker/u16:7-ufs_pm_qos_0: 0% user + 0.3% kernel
0.3% 13/rcuop/0: 0% user + 0.3% kernel
0.3% 32/rcuop/2: 0% user + 0.3% kernel
0.2% 12887/kworker/0:0-sock_diag_events: 0% user + 0.2% kernel
0.2% 535/servicemanager: 0.1% user + 0.1% kernel
0.2% 3023/mdnsd: 0.1% user + 0.1% kernel
0.2% 701/statsd: 0% user + 0.1% kernel / faults: 20 minor
0.1% 682/[vendor.ts.uart@1.0-service](#): 0% user + 0.1% kernel
0.1% 2370/com.thundercomm.microsettings: 0% user + 0% kernel / faults: 332 minor
0.1% 18809/kworker/u17:0-kgsI-events: 0% user + 0.1% kernel
0.1% 8505/kworker/u17:4-hal_register_write_wq: 0% user + 0.1% kernel
0.1% 19054/kworker/u16:5-ufs_clkscaling_0: 0% user + 0.1% kernel / faults: 2 minor
0.1% 1820/hht_ota_mgr: 0% user + 0.1% kernel
0.1% 7830/com.android.bluetooth: 0% user + 0% kernel / faults: 507 minor
0.1% 24/rcuop/1: 0% user + 0.1% kernel
0.1% 40/rcuop/3: 0% user + 0.1% kernel
0.1% 9075/kworker/2:2-sock_diag_events: 0% user + 0.1% kernel
0.1% 1/init: 0% user + 0% kernel / faults: 147 minor
0.1% 9/ksoftirqd/0: 0% user + 0.1% kernel
0.1% 534/lmkd: 0% user + 0.1% kernel
0.1% 1484/msm_irqbalance: 0% user + 0% kernel
0.1% 17495/kworker/3:2-sock_diag_events: 0% user + 0.1% kernel

0.1% 31928/com.tencent.qqlive:xg_vip_service: 0% user + 0% kernel / faults: 6 minor
0% 2030/com.android.systemui: 0% user + 0% kernel / faults: 35 minor
0% 2290/webview_zygote: 0% user + 0% kernel / faults: 240 minor
0% 3029/irq/16-90b6400.: 0% user + 0% kernel
0% 9495/kworker/1:2-events: 0% user + 0% kernel
0% 30751/kworker/u16:13+kverityd: 0% user + 0% kernel
0% 1210/cnss_diag: 0% user + 0% kernel
0% 3035/irq/17-9091000.: 0% user + 0% kernel
0% 18799/kworker/u16:0-kverityd: 0% user + 0% kernel
0% 24544/com.ss.android.ugc.aweme:push: 0% user + 0% kernel / faults: 38 minor
0% 11/rcu_sched: 0% user + 0% kernel
0% 64/rcuop/6: 0% user + 0% kernel
0% 101/irq/41-tsens-up: 0% user + 0% kernel
0% 536/hwserviceanager: 0% user + 0% kernel
0% 848/[android.hardware.memtrack@1.0-service](#): 0% user + 0% kernel
0% 884/[vendor.qti.hardware.iop@2.0-service](#): 0% user + 0% kernel
0% 29402/com.android.webview:webview_service: 0% user + 0% kernel / faults: 72 minor
0% 21/ksoftirqd/1: 0% user + 0% kernel
0% 29/ksoftirqd/2: 0% user + 0% kernel
0% 37/ksoftirqd/3: 0% user + 0% kernel
0% 48/rcuop/4: 0% user + 0% kernel
0% 88/qmp_aop: 0% user + 0% kernel
0% 856/[android.hardware.wifi@1.0-service](#): 0% user + 0% kernel / faults: 1 minor
0% 892/[vendor.qti.hardware.servicetracker@1.2-service](#): 0% user + 0% kernel
0% 952/qtrtr-ns: 0% user + 0% kernel
0% 975/audioserver: 0% user + 0% kernel
0% 24580/com.ss.android.ugc.aweme:pushservice: 0% user + 0% kernel / faults: 2 minor
0% 27259/com.tencent.qqmusicpad:wms: 0% user + 0% kernel / faults: 21 minor
0% 14/rcuos/0: 0% user + 0% kernel
0% 33/rcuos/2: 0% user + 0% kernel
0% 56/rcuop/5: 0% user + 0% kernel
0% 837/[android.hidl allocator@1.0-service](#): 0% user + 0% kernel
0% 1021/tftp_server: 0% user + 0% kernel
0% 1233/mediaserver: 0% user + 0% kernel
0% 27035/com.tencent.qqmusicpad: 0% user + 0% kernel / faults: 19 minor
0% 25/rcuos/1: 0% user + 0% kernel
0% 36/migration/3: 0% user + 0% kernel
0% 41/rcuos/3: 0% user + 0% kernel
0% 44/migration/4: 0% user + 0% kernel
0% 65/rcuos/6: 0% user + 0% kernel
0% 72/rcuop/7: 0% user + 0% kernel
0% 73/rcuos/7: 0% user + 0% kernel
0% 77/kauditd: 0% user + 0% kernel
0% 681/ipacm: 0% user + 0% kernel
0% 704/zygote: 0% user + 0% kernel / faults: 43 minor
0% 754/iptables-restore: 0% user + 0% kernel
0% 755/ip6tables-restore: 0% user + 0% kernel
0% 825/ssgtzd: 0% user + 0% kernel
0% 909/[vendor.qti.qspmhal@1.0-service](#): 0% user + 0% kernel
0% 923/[vendor.thundercomm.hardware.tsnv@1.0-service](#): 0% user + 0% kernel / faults: 16 minor
0% 964/pd-mapper: 0% user + 0% kernel
0% 1188/traced: 0% user + 0% kernel / faults: 72 minor
0% 1214/cameraserver: 0% user + 0% kernel

```
0% 1234/selfinstaller: 0% user + 0% kernel
0% 1243/media.codec: 0% user + 0% kernel
0% 1313/cnss-daemon: 0% user + 0% kernel
0% 1323/wlan_logging_th: 0% user + 0% kernel
0% 2582/com.thundercomm.tcservice: 0% user + 0% kernel / faults: 4 minor
0% 2984/com.qualcomm.location: 0% user + 0% kernel / faults: 4 minor
0% 2987/adbd: 0% user + 0% kernel / faults: 264 minor
0% 5988/kworker/7:2-mm_percpu_wq: 0% user + 0% kernel
0% 12107/kworker/5:2-mm_percpu_wq: 0% user + 0% kernel
0% 20965/kworker/6:0-mm_percpu_wq: 0% user + 0% kernel
0% 22969/com.baidu.appsearch.bdservice_v1: 0% user + 0% kernel / faults: 16 minor
0% 24891/kworker/4:1-events: 0% user + 0% kernel
0% 24960/kworker/0:2H-kblockd: 0% user + 0% kernel
0% 25329/kworker/2:0-events: 0% user + 0% kernel
+0% 17419/com.tencent.android.qqdownloader.daemon: 0% user + 0% kernel
+0% 17437/com.tencent.android.qqdownloader.live: 0% user + 0% kernel
+0% 17474/com.tencent.android.qqdownloader: 0% user + 0% kernel
+0% 17523/chmod: 0% user + 0% kernel
+0% 17553/com.tencent.android.qqdownloader.cloud: 0% user + 0% kernel
+0% 17618/app_d: 0% user + 0% kernel
+0% 17828/app_d: 0% user + 0% kernel
+0% 17892/com.android.webview.sandboxed_process0:org.chromium.content.app.SandboxedProcessService0:0: 0% user + 0% kernel
21% TOTAL: 13% user + 7% kernel + 0% iowait + 0.8% irq + 0.5% softirq
----- 0.003s was the duration of dumpsys cpuinfo, ending at: 2023-06-21 16:01:09
-----
```

系统memory的信息：

```
06-21 15:53:02.811 1000 1599 31361 I am_meminfo: [2871488512,509591552,133648384,578920448,544041984]
```

```
Total RAM: 7,896,244K (status normal)
Free RAM: 3,039,280K ( 0K cached pss + 2,698,036K cached kernel + 341,244K free)
ION: 229,212K ( 18,488K mapped + 210,724K unmapped + 0K pools)
Used RAM: 4,475,314K (3,732,086K used pss + 743,228K kernel)
Lost RAM: 792,089K
ZRAM: 116,612K physical used for 572,016K in swap (4,194,300K total swap)
Tuning: 512 (large 512), oom 322,560K, restore limit 107,520K (high-end-gfx)
----- 9.560s was the duration of dumpsys meminfo, ending at: 2023-06-21 16:02:03
```

看起来Free Ram还是充足的状态，但是系统却很卡

Free RAM的使用是怎样的？Cache memory能正常使用吗？

[下一步Action]

确认memory是否还有优化空间

#4 - 2023-07-11 14:18 - CD FW 郑雷

[当前状态]

Imkd查杀的阈值是：

```
[sys.lmk.minfree_levels]: [18432:0,23040:100,27648:200,32256:250,55296:900,80640:950]
```

当前剩余内存剩余315M时，查杀oom值大于等于950(cached app)的进程。

从当前系统的meminfo查看，还没达到查杀cached app的阈值。

#5 - 2023-10-27 10:19 - CD FW-廖涛

- Assignee changed from CD FW 郑雷 to CD FW 曹覃刚

Files			
20230621-152909.mp4	4.08 MB	2023-06-21	CD TEST-方永红
1513.txt	17.2 MB	2023-06-21	CD TEST-方永红