

Figure - Bug #118342

【IOVDEV-31152】【VC1】【0100】【台架】【EE环境】【副屏】早上过来monkey自动命令停止，副屏正常显示屏保界面，正常进入主界面

2023-05-29 16:33 - CDTS_TEST 王成

Status:	CLOSED	Start date:	2023-05-29
Priority:	Normal	Due date:	
Assignee:	CDTS_TEST 王成	% Done:	100%
Category:		Estimated time:	0.00 hour
Target version:			
Need_Info:	--	Found Version:	01.00.0100.c103
Resolution:	DUPLICATE	Degrated:	No
Severity:	Critical	Verified Version:	
Reproducibility:	Frequently	Fixed Version:	
Test Type:	ST	Root cause:	与 #118052 原因相同
Description			
【环境信息】EE环境 【问题出现时间】：20230527 09：01 【前提条件】：副屏上电；中控、功放已连接；副屏、中控时间一致 【操作步骤】 1.点击进入副屏主界面 【实际结果】 1.副屏正常显示 【期望结果】 1.副屏在跑monkey命令 【备注】： 今早是第二次 第165次开机 开机时长41：44：51 日志、视频地址：https://ofs.human-horizons.com/#!/download/index/KliAnAybzN8%3D 中控VIN号：HRYTTESTVINMGM817 【中控版本号】：03.02.0082.c101 【副屏版本号】：01.00.0100.c103			

History

#1 - 2023-05-29 16:54 - CDTS_TEST 王成

ftp://cdiot@192.168.87.46/Pre_figure/Test_Log/118342/118342

#2 - 2023-05-29 19:43 - CD SYSTEM-夏旭

- Assignee changed from CD SYSTEM-夏旭 to CDTS_TEST 王成

请重新提供日志，日志没有抓到现场，

在整个日志中过滤Monkey字符串，未发现相关打印，

#3 - 2023-05-30 16:20 - CDTS_TEST 王成

ftp://cdiot@192.168.87.46/Pre_figure/Test_Log/118342/1685434511131.zip 日志时间范围：5.26号0点-5.27号11点

#4 - 2023-05-30 16:20 - CDTS_TEST 王成

- Assignee changed from CDTS_TEST 王成 to CD SYSTEM-夏旭

#5 - 2023-05-31 16:55 - CD SYSTEM-夏旭

1.system_server 重启

1685515927993\FSEM_000162_0675_0527090609\prop.txt
[sys.system_server.start_count]: [2]

2.重新提供的日志，只一份是在出问题时间段内，无法通过此log看出为什么system_server会重启
FSEM_000162_0675_0527090609

3.通过下面的属性初步判断是电压异常，导致的关机

1685515927993\FSEM_000162_0675_0527090609\prop.txt
shutdown,trigger_voltage_protection,1684976654

#6 - 2023-05-31 21:22 - CDTS_TEST 王成

ftp://cdiot@192.168.87.46/Pre_figure/Test_Log/118342/118342--5.25.0-5.27.10 时间段为5.25号0点到5.27号11点

#7 - 2023-06-01 19:05 - CD SYSTEM-夏旭

1. /system/bin/surfaceflinger crash

log文件：1685538943472\FSEM_000162_0655_0526232106\logcat\000162_persist_00323_230526_232038.log

05-26 23:20:51.411 984 984 F libc : Fatal signal 11 (SIGSEGV), code 1 (SEGV_MAPERR), fault addr 0x0 in tid 984 (surfaceflinger), pid 984 (surfaceflinger)
05-26 23:20:51.485 9991 9991 E DEBUG : failed to read /proc/uptime: Permission denied
05-26 23:20:51.725 9991 9991 F DEBUG : * *
05-26 23:20:51.725 9991 9991 F DEBUG : Build fingerprint: 'HiPhi/PassengerDisplay_CN/PassengerDisplay:12/SKQ1.220201.001/3388:user/test-keys'
05-26 23:20:51.725 9991 9991 F DEBUG : Revision: '0'
05-26 23:20:51.725 9991 9991 F DEBUG : ABI: 'arm64'
05-26 23:20:51.725 9991 9991 F DEBUG : Timestamp: 2023-05-26 23:20:51.484796595+0800
05-26 23:20:51.725 9991 9991 F DEBUG : Process uptime: 0s
05-26 23:20:51.725 9991 9991 F DEBUG : Cmdline: /system/bin/surfaceflinger
05-26 23:20:51.725 9991 9991 F DEBUG : pid: 984, tid: 984, name: surfaceflinger >>> /system/bin/surfaceflinger <<<
05-26 23:20:51.725 9991 9991 F DEBUG : uid: 1000
05-26 23:20:51.725 9991 9991 F DEBUG : signal 11 (SIGSEGV), code 1 (SEGV_MAPERR), fault addr 0x0
05-26 23:20:51.725 9991 9991 F DEBUG : Cause: null pointer dereference
05-26 23:20:51.725 9991 9991 F DEBUG : x0 b400006eadb665a8 x1 0000007fd28f8108 x2 0000006d3d963240 x3 0000007fd28f7f48
05-26 23:20:51.725 9991 9991 F DEBUG : x4 0000000000000018 x5 00000000ffffff x6 00000000ffffff x7 b400006eadabec30
05-26 23:20:51.725 9991 9991 F DEBUG : x8 b400006eadb63ed0 x9 00000000000026d8 x10 000000003f800000 x11 0000000000000168
05-26 23:20:51.725 9991 9991 F DEBUG : x12 000000000000000e x13 0000000050a20c40 x14 b400006ead9668e8 x15 0000000000000000

```
05-26 23:20:51.725 9991 9991 F DEBUG : x16 0000005a0f1a7c10 x17 000000702dc50ec0 x18 000000703ac84000 x19 0000000000000000
05-26 23:20:51.725 9991 9991 F DEBUG : x20 0000007fd28f8108 x21 b400006eadb665a8 x22 0000043800000a00 x23 b400006eadb63ed0
05-26 23:20:51.725 9991 9991 F DEBUG : x24 0000007036fb8240 x25 b400006ebd912010 x26 0000007039add000 x27 00000000000000438
05-26 23:20:51.725 9991 9991 F DEBUG : x28 0000000000000000 x29 0000007fd28f8000 pc 000000702dc50ee0 pst 0000000060001000
05-26 23:20:51.725 9991 9991 F DEBUG : lr 0000005a0ed1b650 sp 0000007fd28f8000 pc 000000702dc50ee0 pst 0000000060001000
05-26 23:20:51.725 9991 9991 F DEBUG : backtrace:
```

2. monkey异常错误

```
1685538943472\FSEM_000162_0655_0526232106\logcat\000162_persist_00324_230526_232052.log
35 W Monkey : * Failed talking with package manager!
05-26 23:20:52.351 20635 20635 W Monkey : * Error: A RuntimeException occurred:
05-26 23:20:52.351 20635 20635 W Monkey : java.lang.RuntimeException: android.os.DeadSystemException
05-26 23:20:52.351 20635 20635 W Monkey : at android.app.ActivityManager.getCurrentUser(ActivityManager.java:4043)
05-26 23:20:52.351 20635 20635 W Monkey : at com.android.commands.monkey.MonkeyActivityEvent.injectEvent(MonkeyActivityEvent.java:74)
05-26 23:20:52.351 20635 20635 W Monkey : at com.android.commands.monkey.Monkey.runMonkeyCycles(Monkey.java:1217)
05-26 23:20:52.351 20635 20635 W Monkey : at com.android.commands.monkey.Monkey.run(Monkey.java:708)
05-26 23:20:52.351 20635 20635 W Monkey : at com.android.commands.monkey.Monkey.main(Monkey.java:568)
05-26 23:20:52.351 20635 20635 W Monkey : at com.android.internal.os.RuntimeInit.nativeFinishInit(Native Method)
05-26 23:20:52.351 20635 20635 W Monkey : at com.android.internal.os.RuntimeInit.main(RuntimeInit.java:355)
05-26 23:20:52.351 20635 20635 W Monkey : Caused by: android.os.DeadSystemException
05-26 23:20:52.351 20635 20635 W Monkey : ... 7 more
05-26 23:20:52.354 2631 10003 I adbd : UsbFfs-monitor thread spawned
05-26 23:20:52.354 20635 20635 W Monkey : ** System appears to have crashed at event 97064 of 12000000 using seed 1234567
05-26 23:20:52.355 20635 20635 I app_process: System.exit called, status: 97064
05-26 23:20:52.355 20635 20635 I AndroidRuntime: VM exiting with result code 97064.
05-26 23:20:52.383 1207 2424 W AudioSystem: AudioFlinger server died!
05-26 23:20:52.383 1207 2423 W AudioSystem: AudioPolicyService server died!
```

4. zygote 重启了导致

```
log file:685538943472\FSEM_000162_0655_0526232106\logcat\000162_persist_00324_230526_232052.log +1076
05-26 23:20:52.803 10008 10008 D AndroidRuntime: >>>>> START com.android.internal.os.ZygoteInit uid 0 <<<<<<
05-26 23:20:52.830 10008 10008 I zygote : option0=-Xzygote
05-26 23:20:52.830 10008 10008 I zygote : option1=-Xdeny-art-apex-data-files
05-26 23:20:52.830 10008 10008 I zygote : option2=exit
05-26 23:20:52.830 10008 10008 I zygote : option3=vfprintf
05-26 23:20:52.830 10008 10008 I zygote : option4=sensitiveThread
05-26 23:20:52.830 10008 10008 I zygote : option5=-verbose:gc
05-26 23:20:52.830 10008 10008 I zygote : option6=-XX:PerfettoHprof=true
05-26 23:20:52.830 10008 10008 I zygote : option7=-XX:PerfettoJavaHeapStackProf=true
05-26 23:20:52.830 10008 10008 I zygote : option8=-Xms8m
05-26 23:20:52.830 10008 10008 I zygote : option9=-Xmx512m
05-26 23:20:52.830 10008 10008 I zygote : option10=-XX:HeapGrowthLimit=512m
05-26 23:20:52.830 10008 10008 I zygote : option11=-XX:HeapMinFree=512k
05-26 23:20:52.830 10008 10008 I zygote : option12=-XX:HeapMaxFree=8m
05-26 23:20:52.830 10008 10008 I zygote : option13=-XX:HeapTargetUtilization=0.75
05-26 23:20:52.830 10008 10008 I zygote : option14=-Xusejit:true
```

5.综合上面的信息，初始分析给结果是surfaceflinger crash 导致zygote 重启，此时system_server 也会重启

客户在20230527 09:01 上发现了黑屏，但是在20230526号晚上就出现了异常。

在26 到 27 号间，最晚的Monkey log

```
000162_persist_00324_230526_232052.log:352:05-26 23:20:52.354 20635 20635 W Monkey : ** System appears to have crashed at event 97064 of
```

与上面日志能相符
7.AF ownner进行下一步更细化的分析

#8 - 2023-06-01 19:10 - CD SYSTEM-夏旭
- Assignee changed from CD SYSTEM-夏旭 to CD FW 曹覃刚

#9 - 2023-06-01 20:35 - CD FW 曹覃刚
- Status changed from New to RESOLVED
- Assignee changed from CD FW 曹覃刚 to CDTs_TEST 王成
- % Done changed from 0 to 100
- Resolution changed from -- to DUPLICATE
- Degrated changed from -- to No
- Root cause set to 与#118052 原因相同

Hi 王成
■ 我的分析

这个问题与 #118052 原因相同，我们将在 #118052 中跟踪分析
surfaceflinger报空指针了，导致系统进程挂了

```
-----  
05-26 23:20:51.485 9991 9991 E DEBUG : failed to read /proc/uptime: Permission denied  
05-26 23:20:51.725 9991 9991 F DEBUG : *  
05-26 23:20:51.725 9991 9991 F DEBUG : Build fingerprint: 'HiPhi/PassengerDisplay_CN/PassengerDisplay:12/SKQ1.220201.001/3388:user/test-keys'  
05-26 23:20:51.725 9991 9991 F DEBUG : Revision: '0'  
05-26 23:20:51.725 9991 9991 F DEBUG : ABI: 'arm64'  
05-26 23:20:51.725 9991 9991 F DEBUG : Timestamp: 2023-05-26 23:20:51.484796595+0800  
05-26 23:20:51.725 9991 9991 F DEBUG : Process uptime: 0s  
05-26 23:20:51.725 9991 9991 F DEBUG : Cmdline: /system/bin/surfaceflinger  
05-26 23:20:51.725 9991 9991 F DEBUG : pid: 984, tid: 984, name: surfaceflinger >>> /system/bin/surfaceflinger <<<  
05-26 23:20:51.725 9991 9991 F DEBUG : uid: 1000  
05-26 23:20:51.725 9991 9991 F DEBUG : signal 11 (SIGSEGV), code 1 (SEGV_MAPERR), fault addr 0x0  
05-26 23:20:51.725 9991 9991 F DEBUG : Cause: null pointer dereference  
05-26 23:20:51.725 9991 9991 F DEBUG : x0 b400006eadb665a8 x1 0000007fd28f8108 x2 0000006d3d963240 x3 0000007fd28f7f48  
05-26 23:20:51.725 9991 9991 F DEBUG : x4 0000000000000018 x5 00000000ffffff x6 00000000ffffff x7 b400006eadabec30  
05-26 23:20:51.725 9991 9991 F DEBUG : x8 b400006eadb63ed0 x9 00000000000026d8 x10 000000003f800000 x11 0000000000000168  
05-26 23:20:51.725 9991 9991 F DEBUG : x12 000000000000000e x13 0000000050a20c40 x14 b400006e4d9668e8 x15 0000000000000000  
05-26 23:20:51.725 9991 9991 F DEBUG : x16 0000005a0f1a7c10 x17 000000702dc50ec0 x18 000000703ac84000 x19 0000000000000000  
05-26 23:20:51.725 9991 9991 F DEBUG : x20 0000007fd28f8108 x21 b400006eadb665a8 x22 0000043800000a00 x23 b400006eadb63ed0  
05-26 23:20:51.725 9991 9991 F DEBUG : x24 0000007036fb8240 x25 b400006ebd912010 x26 0000007039add000 x27 0000000000000438  
05-26 23:20:51.725 9991 9991 F DEBUG : x28 0000000000000000 x29 0000007fd28f8000  
05-26 23:20:51.725 9991 9991 F DEBUG : lr 0000005a0ed1b650 sp 0000007fd28f8000 pc 000000702dc50ee0 pst 0000000060001000  
05-26 23:20:51.725 9991 9991 F DEBUG : backtrace:  
05-26 23:20:51.725 9991 9991 F DEBUG : #00 pc 000000000000eee0 /system/lib64/libutils.so (android::RefBase::decStrong(void const) const+32) (BuildId: b940f836006ead456c936e97e64d2d4)  
05-26 23:20:51.726 9991 9991 F DEBUG : #01 pc 000000000015f64c /system/bin/surfaceflinger (android::LayerRenderArea::render(std::__1::function<void (>)+944) (BuildId: 8958ca1cdc030c3e3967c8ecef82dddb)  
05-26 23:20:51.726 9991 9991 F DEBUG : #02 pc 00000000001c63f8 /system/bin/surfaceflinger (ZNSt3  
_120__packaged_task_funcIZN7android14SurfaceFlinger19captureScreenCommonENS_6futureINS_10unique_ptrINS_10RenderAreaENS_14default_deleteIS5_EEEEE  
ENS_8functionIFvRKNSA_IFvPNS1_5LayerEEEEEEERKNS_10shared_ptrINS1_12renderengine15ExternalTextureEEEEbBRKNS1_2spINS1_3gui22IScreenCaptureListen  
erEEEE4$_93NS_9allocatorISV_EEFvEEclEv$8fd14edc326db0e9be510f46fb0c4dd5+368) (BuildId: 8958ca1cdc030c3e3967c8ecef82dddb)  
05-26 23:20:51.726 9991 9991 F DEBUG : #03 pc 00000000001c5cc4 /system/bin/surfaceflinger (  
ZN7android4TaskIZNS_14SurfaceFlinger19captureScreenCommonENS3
```

_16futureINS2_10unique_ptrINS_10RenderAreaENS2_14default_deleteIS5_EEEEEENS2_8functionIFvRKNSA_IFvPNS_5LayerEEEEEEERKNS2_10shared_ptrINS_12renderengine15ExternalTextureEEEbRKNS_2spINS_3gui22IScreenCaptureListenerEEEE4\$_93E13handleMessageERKNS_7MessageE\$8fd14edc326db0e9be510f46fb0c4dd5+92) (BuildId: 8958ca1cdc030c3e3967c8ecef82dddb)

05-26 23:20:51.726 9991 9991 F DEBUG : #04 pc 0000000000017f64 /system/lib64/libutils.so (android::Looper::pollInner(int)+372) (BuildId: b940f836006eead456c936e97e64d2d4)

05-26 23:20:51.726 9991 9991 F DEBUG : #05 pc 0000000000017d84 /system/lib64/libutils.so (android::Looper::pollOnce(int, int*, int*, void**)+116) (BuildId: b940f836006eead456c936e97e64d2d4)

05-26 23:20:51.726 9991 9991 F DEBUG : #06 pc 000000000016f71c /system/bin/surfaceflinger (android::impl::MessageQueue::waitMessage()+88) (BuildId: 8958ca1cdc030c3e3967c8ecef82dddb)

05-26 23:20:51.726 9991 9991 F DEBUG : #07 pc 0000000000189080 /system/bin/surfaceflinger (android::SurfaceFlinger::run()+16) (BuildId: 8958ca1cdc030c3e3967c8ecef82dddb)

05-26 23:20:51.726 9991 9991 F DEBUG : #08 pc 00000000001d6c40 /system/bin/surfaceflinger (main+1640) (BuildId: 8958ca1cdc030c3e3967c8ecef82dddb)

05-26 23:20:51.726 9991 9991 F DEBUG : #09 pc 000000000004a084 /apex/com.android.runtime/lib64/bionic/libc.so (__libc_init+100) (BuildId: 369edc656806aeaf384cbeb8f7a347af)

#10 - 2023-06-02 16:59 - CD TEST-方永红
- Status changed from RESOLVED to VERIFIED

#11 - 2023-06-02 16:59 - CD TEST-方永红
- Status changed from VERIFIED to CLOSED