

Figure - Bug #118602
IOVDEV-33092【内部】【VC1】【0106】【台架】【EE环境】【副屏】副屏在反激活成功之后进入主界面点击设置出现黑屏，退出再点击设置出现冻屏，三分钟后副屏主动重启恢复正常
2023-06-07 10:48 - CD TEST-方永红

Status:	CLOSED	Start date:	2023-06-07
Priority:	High	Due date:	
Assignee:	CD TEST-方永红	% Done:	0%
Category:	冻屏	Estimated time:	0.00 hour
Target version:			
Need_Info:	--	Found Version:	0106
Resolution:	DUPLICATE	Degrated:	--
Severity:	Critical	Verified Version:	
Reproducibility:	Rarely	Fixed Version:	
Test Type:	ST	Root cause:	
Description			
【环境信息】EE环境 【问题出现时间】：20230607 10：17 【前提条件】：副屏上电；中控、功放已连接；副屏、中控时间一致，副屏激活成功 【操作步骤】 1.点击进入主界 2.点击设置 【实际结果】 1.出现黑屏情况，正常点击出现冻屏 【期望结果】 1.正常进入设置界面 【备注】： 第290次开机 激活之前是285次左右，中间有多次重启 开机时长：3 日志、视频地址：https://ofs.human-horizons.com/#/download/index/lxFck7MOnzU%3D 中控VIN号：HRYTTESTVINMGM817 【中控版本号】：03.02.0088.c103.02_NO 【副屏版本号】：01.00.0106.c104			
Related issues:			
Related to Figure - Bug # 118571: IOVDEV-32876【内部】【VC1】【0...		CLOSED	2023-06-06

History

#1 - 2023-06-07 14:03 - CD FW 曹覃刚

- Status changed from New to ASSIGNED

■ 我的分析

anr_2023-06-07-10-15-09-761

ANR com.android.settings.intelligence

anr_2023-06-07-10-16-28-255

anr_2023-06-07-10-17-28-074

ANR system_server

卡在获取wakelock, 与 #118571 一样, 之后system_server被kill掉重启了

```
"Binder:1547_3" prio=5 tid=43 Native | group="main" sCount=1 ucsCount=0 flags=1 obj=0x14642c88 self=0xb400006df58d1e60 | sysTid=1759 nice=-10 cgrp=default
sched=0/0 handle=0x6bd6cf6cb0 | state=S schedstat=( 168191311 224067654 1100 ) utm=10 stm=5 core=0 HZ=100 | stack=0x6bd6bfff000-0x6bd6c01000
stackSize=991KB | held mutexes=
  native: #00 pc 0000000000a1c88 /apex/com.android.runtime/lib64/bionic/libc.so (_ioctl+8)
  native: #01 pc 000000000005b8d4 /apex/com.android.runtime/lib64/bionic/libc.so (ioctl+156)
  native: #02 pc 00000000000666e4 /system/lib64/libhidlbase.so (android::hardware::IPCThreadState::transact(int, unsigned int, android::hardware::Parcel const&,
android::hardware::Parcel*, unsigned int)+424)
  native: #03 pc 00000000000663dc /system/lib64/libhidlbase.so (android::hardware::BpHwBinder::transact(unsigned int, android::hardware::Parcel const&,
android::hardware::Parcel*, unsigned int, std::_1::function<void (android::hardware::Parcel&)>)+80)
  native: #04 pc 000000000000e5d0 /system/lib64/android.system.suspend@1.0.so
(android::system::suspend::V1_0::BpHwSystemSuspend::_hidl_acquireWakeLock(android::hardware::IInterface*, android::hardware::details::HidlInstrumentor*,
android::system::suspend::V1_0::WakeLockType, android::hardware::hidl_string const&)+308)
  native: #05 pc 0000000000003188 /system/lib64/libhardware_legacy.so (acquire_wake_lock+360)
  native: #06 pc 00000000000984a4 /system/lib64/libandroid_servers.so (android::nativeAcquireSuspendBlocker(_JNIEnv*, _jclass*, _jstring*)+68)
at com.android.server.power.PowerManagerService.nativeAcquireSuspendBlocker(Native method)
at com.android.server.power.PowerManagerService.access$1200(PowerManagerService.java:139)
at com.android.server.power.PowerManagerService$NativeWrapper.nativeAcquireSuspendBlocker(PowerManagerService.java:799)
at com.android.server.power.PowerManagerService$SuspendBlockerImpl.acquire(PowerManagerService.java:5048)
- locked <0x0728b597> (a com.android.server.power.PowerManagerService$SuspendBlockerImpl)
at com.android.server.power.PowerManagerService.updateSuspendBlockerLocked(PowerManagerService.java:3413)
at com.android.server.power.PowerManagerService.updatePowerStateLocked(PowerManagerService.java:2170)
at com.android.server.power.PowerManagerService.acquireWakeLockInternal(PowerManagerService.java:1417)
- locked <0x0d30e02b> (a java.lang.Object)
at com.android.server.power.PowerManagerService.access$4600(PowerManagerService.java:139)
at com.android.server.power.PowerManagerService$BinderService.acquireWakeLock(PowerManagerService.java:5175)
at android.os.PowerManager$WakeLock.acquireLocked(PowerManager.java:2720)
at android.os.PowerManager$WakeLock.acquire(PowerManager.java:2686)
- locked <0x0d738384> (a android.os.Binder)
at com.android.server.wm.ActivityTaskSupervisor.acquireLaunchWakelock(ActivityTaskSupervisor.java:1340)
at com.android.server.wm.Task.startPausingLocked(Task.java:5877)
at com.android.server.wm.Task.startPausingLocked(Task.java:5765)
at com.android.server.wm.TaskDisplayArea.lambda$pauseBackTasks$6(TaskDisplayArea.java:1533)
at com.android.server.wm.TaskDisplayArea$$ExternalSyntheticLambda4.accept(unavailable:-1)
at com.android.server.wm.Task.forAllLeafTasks(Task.java:3920)
at com.android.server.wm.WindowContainer.forAllLeafTasks(WindowContainer.java:1748)
at com.android.server.wm.TaskDisplayArea.pauseBackTasks(TaskDisplayArea.java:1526)
at com.android.server.wm.Task.resumeTopActivityInnerLocked(Task.java:6374)
at com.android.server.wm.Task.resumeTopActivityUncheckedLocked(Task.java:6212)
at com.android.server.wm.Task.resumeTopActivityUncheckedLocked(Task.java:6225)
at com.android.server.wm.Task.resumeTopActivityUncheckedLocked(Task.java:6257)
at com.android.server.wm.ActivityRecord.makeActiveIfNeeded(ActivityRecord.java:5374)
at com.android.server.wm.RootWindowContainer.lambda$resumeFocusedTasksTopActivities$19(RootWindowContainer.java:2464)
at com.android.server.wm.RootWindowContainer$$ExternalSyntheticLambda27.accept(unavailable:-1)
at com.android.server.wm.Task.forAllRootTasks(Task.java:3932)
at com.android.server.wm.WindowContainer.forAllRootTasks(WindowContainer.java:1770)
at com.android.server.wm.WindowContainer.forAllRootTasks(WindowContainer.java:1770)
at com.android.server.wm.WindowContainer.forAllRootTasks(WindowContainer.java:1770)
```

```

... repeated 2 times
at com.android.server.wm.WindowContainer.forAllRootTasks(WindowContainer.java:1763)
at com.android.server.wm.RootWindowContainer.resumeFocusedTasksTopActivities(RootWindowContainer.java:2444)
at com.android.server.wm.RootWindowContainer.resumeFocusedTasksTopActivities(RootWindowContainer.java:2422)
at com.android.server.wm.RootWindowContainer.resumeFocusedTasksTopActivities(RootWindowContainer.java:2417)
at com.android.server.wm.Task.moveToFront(Task.java:7253)
at com.android.server.wm.Task.moveToFront(Task.java:7183)
at com.android.server.wm.RecentsAnimation.lambda$finishAnimation$0$RecentsAnimation(RecentsAnimation.java:341)
at com.android.server.wm.RecentsAnimation$$ExternalSyntheticLambda0.run(unavailable:-1)
at com.android.server.wm.WindowManagerService.inSurfaceTransaction(WindowManagerService.java:7983)
at com.android.server.wm.RecentsAnimation.finishAnimation(RecentsAnimation.java:309)
- locked <0x0a57e816> (a com.android.server.wm.WindowManagerGlobalLock)
at com.android.server.wm.RecentsAnimation.onAnimationFinished(RecentsAnimation.java:423)
at com.android.server.wm.RecentsAnimationController$2.finish(RecentsAnimationController.java:282)
at android.view.IRecentsAnimationController$Stub.onTransact(IRecentsAnimationController.java:314)
at android.os.Binder.execTransactInternal(Binder.java:1179)
at android.os.Binder.execTransact(Binder.java:1143)
-----

```

■ 下一步计划

与 #118571 一样, 需要结合着一起看一下

#2 - 2023-06-07 17:30 - CD FW 曹覃刚

- Assignee changed from CD FW 曹覃刚 to CD FW 王武军

#3 - 2023-06-08 17:05 - CD FW 郑雷

[当前状态]

分析traces_SystemServer_WDT07_06_10_18_02.563_pid1547
system_server的主线程，android.fg线程都是被Binder:1547_3线程block

而Binder:1547_3的状态呢？

Binder:1547_3线程在启动Activity的过程中，会获取唤醒锁，为了防止设备在启动activity时进入睡眠状态，以确保启动过程的顺利进行。

```

if (!uiSleeping && !mAtmService.isSleepingOrShuttingDownLocked()) {
    mStackSupervisor.acquireLaunchWakelock();
}

```

Binder:1547_3线程在通过PowerManagerService获取唤醒锁（wakelock）的时候调用到BpHwSystemSuspend服务，BpHwSystemSuspend服务进行跨进程调用的时候没有返回。

解析以下2个内存地址:

```

native: #03 pc 00000000000663dc /system/lib64/libhidlbase.so (android::hardware::BpHwBinder::transact(unsigned int, android::hardware::Parcel const&,
android::hardware::Parcel*, unsigned int, std::__1::function<void (android::hardware::Parcel&)>)+80)
《=====
user@fw-1:~/code/wangwujun/turbox_c2130/turbox_c2130c_qssi/LA.QSSI/LINUX/android$
./prebuilts/gcc/linux-x86/x86_64-linux-android-4.9/bin/x86_64-linux-android-addr2line -fe libhidlbase.so 00000000000663dc
ZN7android8hardware10BpHwBinder8transactEjRKNS0_6ParcelEPS2_jNSt3_18functionIFvRS2_EEE
system/libhwbbinder/BpHwBinder.cpp:107
=====》

```

native: #04 pc 00000000000e5d0 /system/lib64/[android.system.suspend@1.0.so](#)

(android::system::suspend::V1_0::BpHwSystemSuspend::_hidl_acquireWakeLock(android::hardware::IInterface*, android::hardware::details::HidlInstrumentor*, android::system::suspend::V1_0::WakeLockType, android::hardware::hidl_string const&)+308)

《=====

user@fw-1:~/code/wangwujun/turbox_c2130/turbox_c2130c_qssi/LA.QSSI/LINUX/android\$

./prebuilts/gcc/linux-x86/x86/x86_64-linux-android-4.9/bin/x86_64-linux-android-addr2line -fe [android.system.suspend@1.0.so](#) 00000000000e5d0

_ZN7android6system7suspend4V1_017BpHwSystemSuspend21_hidl_acquireWakeLockEPNS_8hardware10IInterfaceEPNS4_7details16HidlInstrumentorENS2_12WakeLockTypeERKNS4_11hidl_stringE

out/soong/.intermediates/system/hardware/interfaces/suspend/1.0/[android.system.suspend@1.0](#)_genc++/gen/android/system/suspend/1.0/SystemSuspendAll.cpp:177

=====》

代码中没找到SystemSuspendAll.cpp，应该是以so库提供的。

[下一步 Action]

接下来需要BSP同学分析下造成BpHwSystemSuspend跨进程通信失败的原因。是写入节点失败了吗？

"main" prio=5 tid=1 Blocked | group="main" sCount=1 ucsCount=0 flags=1 obj=0x71474698 self=0xb400006df58567b0 | sysTid=1547 nice=-2 cgrp=default sched=0/0 handle=0x6fc177d4f8 | state=S schedstat=(1507212249 556335241 4425) utm=105 stm=45 core=3 HZ=100 | stack=0x7fcd293000-0x7fcd295000 stackSize=8188KB | held mutexes=

at com.android.server.am.ActivityManagerService.getMemoryTrimLevel(ActivityManagerService.java:8688)

- waiting to lock <0x09d2916b> (a com.android.server.am.ActivityManagerService) held by thread 11

at com.android.server.job.JobConcurrencyManager.refreshSystemStateLocked(JobConcurrencyManager.java:493)

at com.android.server.job.JobConcurrencyManager.updateCounterConfigLocked(JobConcurrencyManager.java:503)

at com.android.server.job.JobConcurrencyManager.assignJobsToContextsInternalLocked(JobConcurrencyManager.java:561)

at com.android.server.job.JobConcurrencyManager.assignJobsToContextsLocked(JobConcurrencyManager.java:538)

at com.android.server.job.JobSchedulerService.maybeRunPendingJobsLocked(JobSchedulerService.java:2487)

at com.android.server.job.JobSchedulerService\$JobHandler.handleMessage(JobSchedulerService.java:2071)

- locked <0x09c848bb> (a java.lang.Object)

at android.os.Handler.dispatchMessage(Handler.java:106)

at android.os.Looper.loopOnce(Looper.java:201)

at android.os.Looper.loop(Looper.java:288)

at com.android.server.SystemServer.run(SystemServer.java:909)

at com.android.server.SystemServer.main(SystemServer.java:616)

at java.lang.reflect.Method.invoke(Native method)

at com.android.internal.os.RuntimeInit\$MethodAndArgsCaller.run(RuntimeInit.java:548)

at com.android.internal.os.ZygoteInit.main(ZygoteInit.java:987)

"android.fg" prio=5 tid=11 Blocked | group="main" sCount=1 ucsCount=0 flags=1 obj=0x14640ef0 self=0xb400006df587cb90 | sysTid=1607 nice=-2 cgrp=default sched=0/0 handle=0x6bf8ef8cb0 | state=S schedstat=(166444747 269222081 733) utm=10 stm=5 core=0 HZ=100 | stack=0x6bf8df5000-0x6bf8df7000 stackSize=1039KB | held mutexes=

at com.android.server.power.PowerManagerService.updateUidProcStateInternal(PowerManagerService.java:3751)

- waiting to lock <0x0d30e02b> (a java.lang.Object) held by thread 43

at com.android.server.power.PowerManagerService\$LocalService.updateUidProcState(PowerManagerService.java:6118)

at com.android.server.am.ActivityManagerService.enqueueUidChangeLocked(ActivityManagerService.java:14555)

at com.android.server.am.OomAdjuster.updateUidsLSP(OomAdjuster.java:1450)

at com.android.server.am.OomAdjuster.performUpdateOomAdjLSP(OomAdjuster.java:587)

at com.android.server.am.OomAdjuster.performUpdateOomAdjLSP(OomAdjuster.java:689)

at com.android.server.am.OomAdjuster.updateOomAdjLSP(OomAdjuster.java:659)

at com.android.server.am.OomAdjuster.updateOomAdjLocked(OomAdjuster.java:641)

- locked <0x0f186931> (a com.android.server.am.ActivityManagerProcLock)

at com.android.server.am.ActivityManagerService.updateOomAdjLocked(ActivityManagerService.java:14704)

at com.android.server.am.ActiveServices.realStartServiceLocked(ActiveServices.java:4061)

at com.android.server.am.ActiveServices.bringUpServiceLocked(ActiveServices.java:3946)

at com.android.server.am.ActiveServices.bindServiceLocked(ActiveServices.java:2878)

```

at com.android.server.am.ActivityManagerService.bindIsolatedService(ActivityManagerService.java:12134)
- locked <0x09d2916b> (a com.android.server.am.ActivityManagerService)
at android.app.ContextImpl.bindServiceCommon(ContextImpl.java:1979)
at android.app.ContextImpl.bindService(ContextImpl.java:1903)
at com.android.internal.infra.ServiceConnector$Impl.bindService(ServiceConnector.java:305)
at com.android.internal.infra.ServiceConnector$Impl.enqueueJobThread(ServiceConnector.java:411)
at com.android.internal.infra.ServiceConnector$Impl.lambda$enqueue$1$ServiceConnector$Impl(ServiceConnector.java:394)
at com.android.internal.infra.ServiceConnector$Impl$$ExternalSyntheticLambda2.run(unavailable:-1)
at android.os.Handler.handleCallback(Handler.java:938)
at android.os.Handler.dispatchMessage(Handler.java:99)
at android.os.Looper.loopOnce(Looper.java:201)
at android.os.Looper.loop(Looper.java:288)
at android.os.HandlerThread.run(HandlerThread.java:67)
at com.android.server.ServiceThread.run(ServiceThread.java:44)

"Binder:1547_3" prio=5 tid=43 Native | group="main" sCount=1 ucsCount=0 flags=1 obj=0x14642c88 self=0xb400006df58d1e60 | sysTid=1759 nice=-10 cgrp=default
sched=0/0 handle=0x6bd6cf6cb0 | state=S schedstat=( 168037873 224067654 1098 ) utm=10 stm=5 core=0 HZ=100 | stack=0x6bd6bfff000-0x6bd6c01000
stackSize=991KB | held mutexes=
  native: #00 pc 0000000000a1c88 /apex/com.android.runtime/lib64/bionic/libc.so (_ioctl+8)
  native: #01 pc 000000000005b8d4 /apex/com.android.runtime/lib64/bionic/libc.so (ioctl+156)
  native: #02 pc 00000000000666e4 /system/lib64/libhidlbase.so (android::hardware::IPCThreadState::transact(int, unsigned int, android::hardware::Parcel const&,
android::hardware::Parcel*, unsigned int)+424)
  native: #03 pc 00000000000663dc /system/lib64/libhidlbase.so (android::hardware::BpHwBinder::transact(unsigned int, android::hardware::Parcel const&,
android::hardware::Parcel*, unsigned int, std::_1::function<void (android::hardware::Parcel&)>)+80)
  native: #04 pc 000000000000e5d0 /system/lib64/android.system.suspend@1.0.so
(android::system::suspend::V1_0::BpHwSystemSuspend::_hidl_acquireWakeupLock(android::hardware::IInterface*, android::hardware::details::HidlInstrumentor*,
android::system::suspend::V1_0::WakeupLockType, android::hardware::hidl_string const&)+308)
  native: #05 pc 0000000000003188 /system/lib64/libhardware_legacy.so (acquire_wake_lock+360)
  native: #06 pc 00000000000984a4 /system/lib64/libandroid_servers.so (android::nativeAcquireSuspendBlocker(_JNIEnv*, _jclass*, _jstring*)+68)
at com.android.server.power.PowerManagerService.nativeAcquireSuspendBlocker(Native method)
at com.android.server.power.PowerManagerService.access$1200(PowerManagerService.java:139)
at com.android.server.power.PowerManagerService$NativeWrapper.nativeAcquireSuspendBlocker(PowerManagerService.java:799)
at com.android.server.power.PowerManagerService$SuspendBlockerImpl.acquire(PowerManagerService.java:5048)
- locked <0x0728b597> (a com.android.server.power.PowerManagerService$SuspendBlockerImpl)
at com.android.server.power.PowerManagerService.updateSuspendBlockerLocked(PowerManagerService.java:3413)
at com.android.server.power.PowerManagerService.updatePowerStateLocked(PowerManagerService.java:2170)
at com.android.server.power.PowerManagerService.acquireWakeupLockInternal(PowerManagerService.java:1417)
- locked <0x0d30e02b> (a java.lang.Object)
at com.android.server.power.PowerManagerService.access$4600(PowerManagerService.java:139)
at com.android.server.power.PowerManagerService$BinderService.acquireWakeupLock(PowerManagerService.java:5175)
at android.os.PowerManager$WakeupLock.acquireLocked(PowerManager.java:2720)
at android.os.PowerManager$WakeupLock.acquire(PowerManager.java:2686)
- locked <0x0d738384> (a android.os.Binder)
at com.android.server.wm.ActivityTaskSupervisor.acquireLaunchWakeuplock(ActivityTaskSupervisor.java:1340)
at com.android.server.wm.Task.startPausingLocked(Task.java:5877)
at com.android.server.wm.Task.startPausingLocked(Task.java:5765)
at com.android.server.wm.TaskDisplayArea.lambda$pauseBackTasks$6(TaskDisplayArea.java:1533)
at com.android.server.wm.TaskDisplayArea$$ExternalSyntheticLambda4.accept(unavailable:-1)
at com.android.server.wm.Task.forAllLeafTasks(Task.java:3920)
at com.android.server.wm.WindowContainer.forAllLeafTasks(WindowContainer.java:1748)
at com.android.server.wm.TaskDisplayArea.pauseBackTasks(TaskDisplayArea.java:1526)
at com.android.server.wm.Task.resumeTopActivityInnerLocked(Task.java:6374)
at com.android.server.wm.Task.resumeTopActivityUncheckedLocked(Task.java:6212)

```

```
at com.android.server.wm.Task.resumeTopActivityUncheckedLocked(Task.java:6225)
at com.android.server.wm.Task.resumeTopActivityUncheckedLocked(Task.java:6257)
at com.android.server.wm.ActivityRecord.makeActiveIfNeeded(ActivityRecord.java:5374)
at com.android.server.wm.RootWindowContainer.lambda$resumeFocusedTasksTopActivities$19(RootWindowContainer.java:2464)
at com.android.server.wm.RootWindowContainer$$ExternalSyntheticLambda27.accept(unavailable:-1)
at com.android.server.wm.Task.forAllRootTasks(Task.java:3932)
at com.android.server.wm.WindowContainer.forAllRootTasks(WindowContainer.java:1770)
at com.android.server.wm.WindowContainer.forAllRootTasks(WindowContainer.java:1770)
at com.android.server.wm.WindowContainer.forAllRootTasks(WindowContainer.java:1770)
... repeated 2 times
at com.android.server.wm.WindowContainer.forAllRootTasks(WindowContainer.java:1763)
at com.android.server.wm.RootWindowContainer.resumeFocusedTasksTopActivities(RootWindowContainer.java:2444)
at com.android.server.wm.RootWindowContainer.resumeFocusedTasksTopActivities(RootWindowContainer.java:2422)
at com.android.server.wm.RootWindowContainer.resumeFocusedTasksTopActivities(RootWindowContainer.java:2417)
at com.android.server.wm.Task.moveToFront(Task.java:7253)
at com.android.server.wm.Task.moveToFront(Task.java:7183)
at com.android.server.wm.RecentsAnimation.lambda$finishAnimation$0$RecentsAnimation(RecentsAnimation.java:341)
at com.android.server.wm.RecentsAnimation$$ExternalSyntheticLambda0.run(unavailable:-1)
at com.android.server.wm.WindowManagerService.inSurfaceTransaction(WindowManagerService.java:7983)
at com.android.server.wm.RecentsAnimation.finishAnimation(RecentsAnimation.java:309)
- locked <0x0a57e816> (a com.android.server.wm.WindowManagerGlobalLock)
at com.android.server.wm.RecentsAnimation.onAnimationFinished(RecentsAnimation.java:423)
at com.android.server.wm.RecentsAnimationController$2.finish(RecentsAnimationController.java:282)
at android.view.IRecentsAnimationController$Stub.onTransact(IRecentsAnimationController.java:314)
at android.os.Binder.execTransactInternal(Binder.java:1179)
at android.os.Binder.execTransact(Binder.java:1143)
```

#4 - 2023-06-08 17:41 - CD FW王武军

- Assignee changed from CD FW王武军 to CD BSP-杜磊

#5 - 2023-06-08 17:41 - CD FW王武军

Hi ,

@杜磊，如前面分析所示，现在怀疑应用在申请WakeLock时，通过如下堆栈调到了HAL层，卡在了某个环节上，需要bsp的同事帮忙分析下具体的情况。

申请WakeLock的调用堆栈如下：

```
native: #00 pc 00000000000a1c88 /apex/com.android.runtime/lib64/bionic/libc.so (_ioctl+8)
native: #01 pc 000000000005b8d4 /apex/com.android.runtime/lib64/bionic/libc.so (ioctl+156)
native: #02 pc 00000000000666e4 /system/lib64/libhidlbase.so (android::hardware::IPCThreadState::transact(int, unsigned int, android::hardware::Parcel const&, android::hardware::Parcel*, unsigned int)+424)
native: #03 pc 00000000000663dc /system/lib64/libhidlbase.so (android::hardware::BpHwBinder::transact(unsigned int, android::hardware::Parcel const&, android::hardware::Parcel*, unsigned int, std::_1::function<void (android::hardware::Parcel&)>)+80)
native: #04 pc 000000000000e5d0 /system/lib64/android.system.suspend@1.0.so
(android::system::suspend::V1_0::BpHwSystemSuspend::_hidl_acquireWakeLock(android::hardware::IInterface*, android::hardware::details::HidlInstrumentor*, android::system::suspend::V1_0::WakeLockType, android::hardware::hidl_string const&)+308)
native: #05 pc 0000000000003188 /system/lib64/libhardware_legacy.so (acquire_wake_lock+360)
native: #06 pc 00000000000984a4 /system/lib64/libandroid_servers.so (android::nativeAcquireSuspendBlocker(_JNIEnv*, _jclass*, _jstring*)+68)
at com.android.server.power.PowerManagerService.nativeAcquireSuspendBlocker(Native method)
```

#6 - 2023-06-09 18:40 - CD BSP-杜磊

- Assignee changed from CD BSP- 杜磊 to CD SYSTEM-夏旭

#7 - 2023-06-09 21:01 - CD SYSTEM-胡兵

- Assignee changed from CD SYSTEM-夏旭 to CD BSP- 杜磊

Hi all

分析此问题，需要在system_server anr后获取对应的ramdump，进一步排查binder卡住是主从哪端的问题。

需要使用如下VB进行专项测试，当system_server触发watch dog后，会自动给触发ramdump。

ftp://cdiot@192.168.87.46/Pre_figure/VerifyBuild/Pre_figure_turbox-c2130c-la1.1-qssi12-dev/20230609/202306091536-4284/FlatBuild_HH_MCE_FSE.M.D.user.01.00.C104%28X104%29.202306091536.zip

日志文件参考：

----- pid 1496 at 2023-06-06 13:54:20.947954659+0800 -----

Cmd line: system_server

./logcat/000156_persist_04790_230606_135511.log:885:06-06 13:55:55.820 1496 1608 W Watchdog: *** WATCHDOG KILLING SYSTEM PROCESS: Blocked in monitor com.android.server.power.PowerManagerService on foreground thread (android.fg), Blocked in handler on main thread (main), Blocked in handler on display thread (android.display), Blocked in handler on animation thread (android.anim), Blocked in handler on PowerManagerService (PowerManagerService)

本地验证：

--adb shell

--su

--am hang

设备等待一会触发system_server watch dog,使用对应VB 符号表可以进行解析

#8 - 2023-06-09 21:10 - CD SYSTEM-胡兵

- Assignee changed from CD BSP- 杜磊 to CD SYSTEM-夏旭

#9 - 2023-06-15 18:30 - CDTS_TEST 王成

- Severity changed from Major to Critical

#10 - 2023-07-24 14:51 - CD SYSTEM-夏旭

- Status changed from ASSIGNED to NEED_INFO

- Assignee changed from CD SYSTEM-夏旭 to CD TEST- 方永红

【目前进展】

加入强化日志

https://dev.thundercomm.com/gerri/q/topic:FIGURE_BUG_110672

【下一步计划】

使用最新版本进行复测

#11 - 2023-07-25 16:18 - CD TEST-方永红
- Status changed from NEED_INFO to RESOLVED
- Resolution changed from -- to DUPLICATE

7.25
客户已关闭。同步关闭

#12 - 2023-07-25 16:18 - CD TEST-方永红
- Status changed from RESOLVED to VERIFIED

#13 - 2023-07-25 16:18 - CD TEST-方永红
- Status changed from VERIFIED to CLOSED

Files

10.20 106版本 第290次开机 副屏在反激活之后进入主界面点击设置出现黑屏4,退出再点击设置出现黑屏,三分钟后副屏主动重启恢复正常CD TEST-方永红