

Figure - Bug #118880

【AF】【EVT3】【IOVDEV-33961】95版本升级最新DB版本后，在控制中心点击音量条无响应，回到桌面一会后，出现系统界面没有响应

2023-06-21 17:23 - 物联网测试组_CDTS 唐霞

Status:	CLOSED	Start date:	2023-06-21
Priority:	High	Due date:	
Assignee:	物联网测试组_TSCD 王维	% Done:	0%
Category:	AUDIO-FW	Estimated time:	0.00 hour
Target version:		Found Version:	01.00.C105_20230621_private_user (621DB版本)
Need_Info:	--	Degraded:	--
Resolution:	DUPLICATE	Verified Version:	
Severity:	Major	Fixed Version:	
Reproducibility:	Frequently	Root cause:	该问题同IOVDEV-33961，申请关闭。
Test Type:	Release Test		
Description			
【测试步骤】 QFIL刷机95版本本地升级到最新DB版本 【预期结果】 升级成功，设备可正常使用 【测试结果】 在控制中心点击音量条无法响应，回到桌面一会出现，系统界面没有响应			
Related issues:			
Related to Figure - Bug # 118800: 【AF】【EVT3】【控制中心】断开蓝牙迅速调...		CLOSED	2023-06-15

History

#1 - 2023-06-21 17:25 - 物联网测试组_CDTS 唐霞

- Subject changed from 【AF】【EVT3】95版本升级最新DB版本后，在控制中心点击音量条无法响应，回到桌面一会出现，系统界面没有响应 to 【AF】【EVT3】95版本升级最新DB版本后，在控制中心点击音量条无响应，回到桌面一会后，出现系统界面没有响应

#2 - 2023-06-21 18:39 - 物联网测试组_CDTS 唐霞

- File anr_2023-06-21-18-34-51-075 added

- File anr_2023-06-21-18-34-09-743 added

#3 - 2023-06-21 19:17 - CD APP-王营

【分析】

SystemUI滑动音量条出现 ANR

06-21 15:33:42.914 1588 3889 E ActivityManager: ANR in com.android.systemui

06-21 15:33:42.914 1588 3889 E ActivityManager: PID: 3420

06-21 15:33:42.914 1588 3889 E ActivityManager: Reason: Input dispatching timed out (edge-swipe (server) is not responding. Waited 5001ms for MotionEvent)

trace情况如下：

"main" prio=5 tid=1 Native | group="main" sCount=1 ucsCount=0 flags=1 obj=0x7269de80 self=0xb40000781748c7b0 | sysTid=18246 nice=-10 cgrp=default sched=0/0 handle=0x79e6ec4f8 | state=S schedstat=(1375538313 129932478 1745) utm=119 stm=18 core=4 HZ=100 | stack=0x7fd8868000-0x7fd886a000 stackSize=8188KB | held mutexes=

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 0000000000053070 /system/lib64/libbinder.so (android::IPCThreadState::talkWithDriver(bool)+292)

native: #03 pc 00000000000542ac /system/lib64/libbinder.so (android::IPCThreadState::waitForResponse(android::Parcel*, int*)+64)

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```
at android.os.MessageQueue.nativePollOnce(Native method)
at android.os.MessageQueue.next(MessageQueue.java:335)
at android.os.Looper.loopOnce(Looper.java:161)
at android.os.Looper.loop(Looper.java:288)
at android.app.ActivityThread.main(ActivityThread.java:7880)
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:1009)
```

SystemUI在主线程设置音量和AudioService通信未能及时返回

【下一步】

- 1、此问题发生时候存在网络异常，副屏和中控网络不通，需要修复网络问题。
- 2、需要Audio同事分析一下通信逻辑。

#4 - 2023-06-21 19:24 - CD APP-王营
- Status changed from New to ASSIGNED
- Assignee changed from CD FW 曹覃刚 to Multimedia组-RD3_TSCD 梁卿山

#5 - 2023-06-28 15:14 - Multimedia组-RD3_TSCD 梁卿山

Hi ALL

当前分析：

从日志分析，ANR发生在15:31：48时，我往前5s看了相关的日志，未发现存在AudioService没有回复的情况。

```
06-21 15:31:48.388 1588 32551 W ActivityManager: Stale PhantomProcessRecord {7db17ba 981:24564:/u0a95}, removing
06-21 15:31:48.390 1588 32551 E ActivityManager: ANR in com.android.systemui
06-21 15:31:48.390 1588 32551 E ActivityManager: PID: 2038
06-21 15:31:48.390 1588 32551 E ActivityManager: Reason: Input dispatching timed out (edge-swipe (server) is not responding. Waited 5000ms for MotionEvent)
06-21 15:31:48.390 1588 32551 E ActivityManager: Frozen: false
06-21 15:31:48.390 1588 32551 E ActivityManager: Load: 5.79 / 5.91 / 3.11
06-21 15:31:48.390 1588 32551 E ActivityManager: ----- Output from /proc/pressure/memory -----
06-21 15:31:48.390 1588 32551 E ActivityManager: some avg10=0.00 avg60=0.04 avg300=0.19 total=2665577
06-21 15:31:48.390 1588 32551 E ActivityManager: full avg10=0.00 avg60=0.00 avg300=0.00 total=308637
06-21 15:31:48.390 1588 32551 E ActivityManager: ----- End output from /proc/pressure/memory -----
```

```
06-21 15:31:43.185 1588 15435 D AS.AudioService: idcm_volume:setIDCMicroVolume(stream=3, index=38, calling=com.android.systemui)
06-21 15:31:43.185 1588 15435 D AudioIDCMicroNegotiator: idcm_volume:setIDCMicroVolume
06-21 15:31:43.185 1588 15435 D AudioIDCMicroNegotiator: idcm_common:requestResult method = setVolume parameters =
{"functionInfo":{"IDCM_VolumeValue_Media":"38"}}
06-21 15:31:43.185 1588 15435 I MicroServiceManager: requestResult(setVolume) parameters is{"functionInfo":{"IDCM_VolumeValue_Media":"38"}}.
06-21 15:31:43.185 2340 29859 E MicroService: Client is not connected.
06-21 15:31:43.185 2340 29859 E MicroService: Client is not connected.
06-21 15:31:43.786 1588 15435 W AS.AudioService: idcm_warn: fail to set Vol: 38, response: null
06-21 15:31:43.787 1588 15435 W AS.AudioService: idcm_warn: exception: java.lang.Exception: fail to set Vol: 38
06-21 15:31:43.792 1588 15435 I volume_changed: [3,23,38,39,com.android.systemui]
06-21 15:31:43.792 1588 15435 D AS.AudioService: idcm_volume:==> use the old index: 23 isStreamMute = false
```

```
06-21 15:31:43.813 1588 8569 D AS.AudioService: forceVolumeControlStream cb:android.os.BinderProxy@cbb840c is already linked.
```

```
06-21 15:31:43.814 1588 18807 D AS.AudioService: idcm_volume:setIDCMicroVolume(stream=3, index=32, calling=com.android.systemui)
06-21 15:31:43.814 1588 18807 D AudioIDCMicroNegotiator: idcm_volume:setIDCMicroVolume
06-21 15:31:43.814 1588 18807 D AudioIDCMicroNegotiator: idcm_common:requestResult method = setVolume parameters =
{"functionInfo":{"IDCM_VolumeValue_Media":"32"}}
06-21 15:31:43.814 1588 18807 I MicroServiceManager: requestResult(setVolume) parameters is{"functionInfo":{"IDCM_VolumeValue_Media":"32"}}.
06-21 15:31:43.814 2340 29859 E MicroService: Client is not connected.
06-21 15:31:43.814 2340 29859 E MicroService: Client is not connected.
06-21 15:31:44.414 1588 18807 D AudioIDCMicroNegotiator: idcm_volume:setIDCMicroVolume return null
06-21 15:31:44.414 1588 18807 W AS.AudioService: idcm_warn: fail to set Vol: 32, response: null
06-21 15:31:44.415 1588 18807 W AS.AudioService: idcm_warn: exception: java.lang.Exception: fail to set Vol: 32
06-21 15:31:44.422 1588 18807 I volume_changed: [3,23,32,39,com.android.systemui]
06-21 15:31:44.422 1588 18807 D AS.AudioService: idcm_volume:==> use the old index: 23 isStreamMute = false
```

下一步：

增加强化日志，尝试复现。

#6 - 2023-06-29 10:29 - Multimedia组-RD3_TSCD 梁卿山

Hi ALL

从ANR分析，在调节音量时，未出现线程block的情况，

从以下信息看，调节音量在等待在waitForResponse，该处会等待600m后继续执行，当前在该处没有继续。

```
"Binder:1540_14" prio=5 tid=149 TimedWaiting
| group="main" sCount=1 ucsCount=0 flags=1 obj=0x155c1420 self=0xb4000078175f60b0
| sysTid=5240 nice=-10 cgrp=default sched=0/0 handle=0x75f5509cb0
| state=S schedstat=( 432107115 300421307 2046 ) utm=29 stm=13 core=5 HZ=100
| stack=0x75f5412000-0x75f5414000 stackSize=991KB
| held mutexes=
at java.lang.Object.wait(Native method)
- waiting on <0x0421a38a> (a java.lang.Object)
at java.lang.Object.wait(Object.java:442)
at com.android.server.audio.AudioIDCMicroNegotiator$IDCMicroVolumeHandler.waitForResponse(AudioIDCMicroNegotiator.java:725)
- locked <0x0421a38a> (a java.lang.Object)
at com.android.server.audio.AudioIDCMicroNegotiator.setIDCMicroVolume(AudioIDCMicroNegotiator.java:806)
at com.android.server.audio.AudioService.setIDCMicroVolume(AudioService.java:11050)
at com.android.server.audio.AudioService.setStreamVolume(AudioService.java:3687)
- locked <0x08e2ddfb> (a java.lang.Object)
at com.android.server.audio.AudioService.setStreamVolume(AudioService.java:3386)
at android.media.IAudioService$Stub.onTransact(IAudioService.java:1359)
at android.os.Binder.execTransactInternal(Binder.java:1179)
at android.os.Binder.execTransact(Binder.java:1143)
```

#7 - 2023-06-30 15:25 - Multimedia组-RD3_TSCD 梁卿山

Hi ALL

当前分析：
在断网时，连续的调节音量，必现该问题，
当前将增加相关日志查看。

#8 - 2023-06-30 17:10 - 物联网测试组_CDTS 唐霞
- Category set to AUDIO-FW

#9 - 2023-08-02 10:39 - Multimedia组-RD3_TSCD 梁卿山
- Status changed from ASSIGNED to RESOLVED
- Assignee changed from Multimedia组-RD3_TSCD 梁卿山 to 物联网测试组_TSCD 王维
- Resolution changed from -- to DUPLICATE
- Root cause set to 该问题同IOVDEV-33961，申请关闭。

Hi ALL

该问题同IOVDEV-33961，申请关闭。

#10 - 2023-08-04 16:52 - CDTS_TEST 王成
- Subject changed from 【AF】【EVT3】95版本升级最新DB版本后，在控制中心点击音量条无响应，回到桌面一会后，出现系统界面没有响应to 【AF】
【EVT3】【IOVDEV-33961】95版本升级最新DB版本后，在控制中心点击音量条无响应，回到桌面一会后，出现系统界面没有响应

#11 - 2023-08-09 14:57 - 物联网测试组_TSCD 王维
- Status changed from RESOLVED to VERIFIED

正常情况下不会出现该场景，同jira客户描述；故关闭

#12 - 2023-08-09 14:58 - 物联网测试组_TSCD 王维
- Status changed from VERIFIED to CLOSED

Files			
621.txt	5.96 MB	2023-06-21	物联网测试组_CDTS 唐霞
anr_2023-06-21-18-34-51-075	2.64 MB	2023-06-21	物联网测试组_CDTS 唐霞
anr_2023-06-21-18-34-09-743	3.15 MB	2023-06-21	物联网测试组_CDTS 唐霞