

Figure - Bug #118959

【VC1】 【0116】 【台架】 【副屏】 副屏电话会议（QQ语音）过程中出现蓝牙没有声音断开蓝牙外放也没有声音

2023-07-03 10:47 - 物联网测试组_TSCD 王维

Status:	CLOSED	Start date:	2023-07-03
Priority:	Normal	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:	0116
Need_Info:	--	Degrated:	--
Resolution:	--	Verified Version:	
Severity:	Normal	Fixed Version:	
Reproducibility:	Occasionally	Root cause:	
Test Type:	ST		
Description			
【环境信息】 时间：7.3 09：58			
【前提条件】			
副屏已安装QQ应用			
副屏已连接蓝牙			
【操作步骤】			
1.拨打副屏QQ进入语音状态			
2.使用蓝牙接听			
3.关闭副屏蓝牙使用外放接听			
4.打开副屏蓝牙使用蓝牙耳机接听			
【实际结果】			
重复步骤3和4数次			
【期望结果】			
蓝牙和外放都没有声音输出			

History

#1 - 2023-07-03 11:11 - Multimedia组-RD3_TSCD 梁卿山

- Status changed from New to ASSIGNED

Hi ALL

1.断开蓝牙时，主动和中控申请焦点，此时申请的焦点正常。

```
192980:07-03 09:59:33.365 1507 1507 D AS.AudioService: idcm_af.mBluetoothConnectionState: false

193086:07-03 09:59:33.370 1507 2427 D AS.AudioService: idcm_af.setBluetoothConnected: false
193087:07-03 09:59:33.370 1507 2427 D AS.AudioService: idcm_af.requestAudioFocus speaker is on
193088:07-03 09:59:33.370 1507 2427 D AudioIDCMicroNegotiator: idcm_af.requestIDCMicroAudioFocus, streamtype = 0
193089:07-03 09:59:33.370 1507 2427 D AudioIDCMicroNegotiator: idcm_af.requestIDCMicroAudioFocus: AudioFocus_VoiceCall
193091:07-03 09:59:33.370 1507 2427 D AudioIDCMicroNegotiator: idcm_common:requestResult method = requestAudioFocus parameters = {"functionInfo":{"IDCM_AudioFocus":"AudioFocus_VoiceCall"}}
193092:07-03 09:59:33.370 1507 2427 I MicroServiceManager: requestResult(requestAudioFocus) parameters is{"functionInfo":{"IDCM_AudioFocus":"AudioFocus_VoiceCall"}}.
193093:07-03 09:59:33.370 1507 2427 D AudioIDCMicroNegotiator: idcm_af:updateAudioInfo
```

193094:07-03 09:59:33.370 1507 2427 D AudioIDCMicroNegotiator: idcm_af:obtainFocusState
193099:07-03 09:59:33.373 2183 2892 D MicroService: Send message to IDCM:SocketMessageBean{businessData='21930', srcService='FSEM_AudioService',
destService='IDCM_CarAudioService', messageType='0', uuid='1688349573371080068',
payloadData={"srcService":"FSEM_AudioService","dstService":"IDCM_CarAudioService","messageType":0,"uuid":1688349573371080068,"methodName":"requestAudioFocus","parameters":{"functionInfo":{"IDCM_AudioFocus":"AudioFocus_VoiceCall"}}}}

193290:07-03 09:59:33.419 2183 2614 I MicroService: Receive message: SocketMessageBean{businessData='21930', srcService='IDCM_CarAudioService',
destService='FSEM_AudioService', messageType='1', uuid='1688349573371080068',
payloadData={"srcService":"IDCM_CarAudioService","dstService":"FSEM_AudioService","methodName":"requestAudioFocus","messageType":1,"uuid":1688349573371080068,"parameters":{"functionInfo":{"IDCM_AudioFocus":"AudioFocus_VoiceCall","IDCM_AudioFocus_Result":"AUDIOFOCUS_REQUEST_GRANTED"}}}}
193291:07-03 09:59:33.419 2183 2614 I MicroService: onResponse(requestAudioFocus):
{"functionInfo":{"IDCM_AudioFocus":"AudioFocus_VoiceCall","IDCM_AudioFocus_Result":"AUDIOFOCUS_REQUEST_GRANTED"}}
193292:07-03 09:59:33.420 1507 1647 D AudioIDCMicroNegotiator: idcm_common:response from IDCM method = requestAudioFocus parameters =
{"functionInfo":{"IDCM_AudioFocus":"AudioFocus_VoiceCall","IDCM_AudioFocus_Result":"AUDIOFOCUS_REQUEST_GRANTED"}}
193293:07-03 09:59:33.420 1507 1647 D AudioIDCMicroNegotiator: idcm_af:onAudioFocusStateChanged type=AudioFocus_VoiceCall, result =
AUDIOFOCUS_REQUEST_GRANTED timeout= false
193294:07-03 09:59:33.420 1507 1647 D AudioIDCMicroNegotiator: idcm_af:notifyFocusState -> notify
193295:07-03 09:59:33.420 1507 2427 D AudioIDCMicroNegotiator: idcm_af:obtainFocusState, return: 1 mIsTimeout= false time= 49

2. 获取焦点中间， 中控回了一条media loss的消息， 将电话声音给mute了；

193270:07-03 09:59:33.406 1507 1647 D AudioIDCMicroNegotiator: idcm_common:request from IDCM: method = onAudioFocusChange parameters =
{"functionInfo":{"IDCM_AudioFocus":"AudioFocus_Media","IDCM_AudioFocus_Result":"AUDIOFOCUS_LOSS_TRANSIENT"}}
193271:07-03 09:59:33.406 1507 1647 D AudioIDCMicroNegotiator: idcm_af:onAudioFocusStateChanged type=AudioFocus_Media, result =
AUDIOFOCUS_LOSS_TRANSIENT timeout= false
193272:07-03 09:59:33.406 1507 1647 D AudioIDCMicroNegotiator: idcm_af:notifyFocusState -> notify
193274:07-03 09:59:33.406 1507 1865 D AudioIDCMicroNegotiator: idcm_af:wait message done -> onAudioFocusRemoteChanged

194055:07-03 09:59:33.777 1507 1865 D AS.AudioService: idcm_af:onAudioFocusRemoteChanged: -2 mute call

3. 对比正常， 该次media loss的消息在返回焦点申请结果之前的， 判断当前条件， 会拦截该次media loss。

下一步：
优化条件判断， 将该次media loss给完全拦截。

#2 - 2023-07-06 14:18 - IoT scm

Gerrit Merge Information :

ID	Project	Branch	Uploader
211923	general/platform/frameworks/base	Pre_figure_turbox-c2130c-la1.1-qssi12-dev	tangyj0127@thundersoft.com
MM: Audio: Fix the effect of media loss on focusFix the effect of media loss on focusTC-RID: 0301-0900116IssueID: TS-R-DF-118959Change-Id: Ic52bf31efb0721134b254d1ea9839880a53033d3			

#3 - 2023-07-07 11:12 - Multimedia组-RD3_TSCD 梁卿山

Hi ALL

Hi ALL

从日志分析，在断开蓝牙时，焦点申请超时，导致mute了call，这时不会有声音输出；
连接蓝牙时，副屏voice_call已经被mute，所以蓝牙也不会存在声音输出。

```
56707:07-06 16:05:29.665 2676 3907 D MicroService: Send message to IDCM:SocketMessageBean{businessData='21930', srcService='FSEM_AudioService',
destService='IDCM_CarAudioService', messageType='0', uuid='1688630729658600184',
payloadData={"srcService":"FSEM_AudioService","dstService":"IDCM_CarAudioService","messageType":0,"uuid":1688630729658600184,"methodName":"requestAudioFocus","parameters":{"functionInfo":{"IDCM_AudioFocus":"AudioFocus_Media"}}}}

56788:07-06 16:05:29.690 2676 2939 I MicroService: Receive message: SocketMessageBean{businessData='21930', srcService='IDCM_CarAudioService',
destService='FSEM_AudioService', messageType='1', uuid='1688630729658600184',
payloadData={"srcService":"IDCM_CarAudioService","dstService":"FSEM_AudioService","methodName":"requestAudioFocus","messageType":1,"uuid":1688630729658600184,"parameters":{"functionInfo":{"IDCM_AudioFocus":"AudioFocus_Media","IDCM_AudioFocus_Result":"AUDIOFOCUS_REQUEST_GRANTEDED"}}}}

56789:07-06 16:05:29.690 2676 2939 I MicroService: onResponse(requestAudioFocus):
{"functionInfo":{"IDCM_AudioFocus":"AudioFocus_Media","IDCM_AudioFocus_Result":"AUDIOFOCUS_REQUEST_GRANTEDED"}}

57312:07-06 16:05:30.259 1560 2431 D AudioIDCMicroNegotiator: idcm_af:notifyFocusState -> notify
57313:07-06 16:05:30.259 1560 2431 D AudioIDCMicroNegotiator: idcm_af:obtainFocusState, return: 0 mIsTimeout= true time= 600
57320:07-06 16:05:30.260 1560 2298 D AudioIDCMicroNegotiator: idcm_af:wait message done -> onAudioFocusRemoteChanged
57321:07-06 16:05:30.260 1560 2298 D AudioService.PlaybackActivityMonitor: idcm_af:onAudioFocusRemoteChanged: 0 info=
RequestInfosToIDCM{mPid=10095, mUid=11577}
57322:07-06 16:05:30.260 1560 2298 D AS.AudioService: idcm_af:onAudioFocusIDCMicroChanged: 0 info: RequestInfosToIDCM{mPid=10095, mUid=11577}
57329:07-06 16:05:30.260 1560 2298 D AS.AudioService: idcm_af:onAudioFocusRemoteChanged: 0 mute call
57336:07-06 16:05:30.262 1560 2298 D MediaFocusControl: audio_idcm: updateCurrentAudioFocus: uid= 11577 fr = 10095 focusChange= -1
```

总结
该问题根本原因在于，申请焦点时，微服务回复超时。

#4 - 2023-07-07 11:23 - Multimedia组-RD3_TSCD 梁卿山

- File 18.txt added

Hi 廖涛

麻烦根据新的日志看看呢，谢谢！

#5 - 2023-07-10 17:29 - IoT scm

Gerrit Merge Information :

ID	Project	Branch	Uploader
213604	general/platform/frameworks/base	Pre_figure_turbox-c2130c-la1.1-qssi12-release_sorp	wangxl0510@thundersoft.com

MM: Audio: Fix the effect of media loss on focusFix the effect of media loss on focusTC-RID: 0301-0900116IssueID: TS-R-DF-118959Change-Id: Ic52bf31efb0721134b254d1ea9839880a53033d3(cherry picked from commit c57f9d525996783502b80ef6eb5fd52319ae233e)

#6 - 2023-08-01 16:46 - Multimedia组-RD3_TSCD 梁卿山
- Assignee changed from Multimedia组-RD3_TSCD 梁卿山 to CD FW-廖涛

#7 - 2023-08-01 17:56 - Multimedia组-RD3_TSCD 梁卿山
- Assignee changed from CD FW-廖涛 to 物联网测试组_TSCD 王维

Hi 王维

请在新版本验证该问题，谢谢！

#8 - 2023-08-24 19:09 - 物联网测试组_TSCD 王维
- Status changed from ASSIGNED to RESOLVED

已在0136和0138版本验证，未复现该现

#9 - 2023-09-13 16:51 - 物联网测试组_TSCD 王维
- Status changed from RESOLVED to VERIFIED

已在下列版本中验证通过
01.00.0140
01.00.0142

#10 - 2023-09-13 16:52 - 物联网测试组_TSCD 王维
- Status changed from VERIFIED to CLOSED

Files			
11.txt	29.1 MB	2023-07-03	物联网测试组_TSCD 王维
tlog_iov0201017500006162025411a2305070000003741_000067_0703100346.tar.gz	30.5 MB	2023-07-03	物联网测试组_TSCD 王维
18.txt	15.6 MB	2023-07-07	Multimedia组-RD3_TSCD 梁卿山