

Figure - Bug #118356

【IOVDEV-30925】 【VCI】 【0100】 【实车】 【EE环境】 【副屏】 【音频播放器】 播放支持的音频文件，提示抱歉无法打开文件

2023-05-29 20:03 - CDTS_TEST 王成

Status:	CLOSED	Start date:	2023-05-29
Priority:	Normal	Due date:	2023-06-05
Assignee:	CDTS_TEST 王成	% Done:	0%
Category:	BSP	Estimated time:	0.00 hour
Target version:			
Need_Info:	--	Found Version:	01.00.0100.c103
Resolution:	DUPLICATE	Degrated:	--
Severity:	Normal	Verified Version:	
Reproducibility:	Every time	Fixed Version:	
Test Type:	ST	Root cause:	
Description			
【环境信息】 EE环境 【问题出现时间】 ：20230526 14:34 【前提条件】 ：副屏上电 【操作步骤】 电脑端push音乐文件至副屏下载路径下 1. 音频播放列表选择支持的歌曲播放 【实际结果】 1. 提示抱歉无法打开文件 【期望结果】 1. 车机支持的音频格式可以正常播放 【应用版本】 ： 【VIN号】 ：LJD8BC3F1P0000306 【中控版本号】 ：03.02.0082.x101 【副屏版本号】 ：01.00.0100.c103			

History

- #1 - 2023-05-29 20:06 - CDTS_TEST 王成
- Category changed from CD-FW to AUDIO-FW
 - Assignee changed from CD FW 曹覃刚 to Multimedia组-RD3_TSCD 梁卿山
- #2 - 2023-05-30 09:47 - Multimedia组-RD3_TSCD 梁卿山
- Status changed from New to ASSIGNED
 - Assignee changed from Multimedia组-RD3_TSCD 梁卿山 to CD FW-程天颖

HI ALL

当前分析：

根据日志分析，我们发现此时和中控的连接已经断开，导致了获取焦点失败，然后我们主动停止播放，应用再去调用播放时会返回error，就会出现不支持的信息。

532:05-26 14:33:27.092 1529 11911 I MediaFocusControl: requestAudioFocus() from uid/pid 10087/3531 AA=USAGE_MEDIA/CONTENT_TYPE_MUSIC
clientId=android.media.AudioManager@2ba1e02com.android.music.MediaPlaybackService\$4@5ef9313 callingPack=com.android.music req=1 flags=0x0 sdk=31
533:05-26 14:33:27.092 1529 11911 D AudioService.PlaybackActivityMonitor: idcm_af:requestAudioFocusToIDCM: event=2(PLAYER_STATE_STARTED)apc
=AudioPlaybackConfiguration piid:367 deviceId:0 type:android.media.MediaPlayer u/pid:10087/3531 state:idle attr:AudioAttributes: usage=USAGE_MEDIA
content=CONTENT_TYPE_MUSIC flags=0x800 tags= bundle=null sessionId:0 ★★★★★ 申请焦点
545:05-26 14:33:27.094 1529 11911 D AudioIDCMicroNegotiator: idcm_af:requestIDCMicroAudioFocus, streamtype = 3
546:05-26 14:33:27.094 1529 11911 D AudioIDCMicroNegotiator: idcm_af:requestIDCMicroAudioFocus: AudioFocus_Media
552:05-26 14:33:27.094 1529 11911 D AudioIDCMicroNegotiator: idcm_common:requestResult method = requestAudioFocus parameters =
{"functionInfo":{"IDCM_AudioFocus":"AudioFocus_Media"}}
554:05-26 14:33:27.094 1529 11911 I MicroServiceManager: requestResult(requestAudioFocus) parameters
is{"functionInfo":{"IDCM_AudioFocus":"AudioFocus_Media"}}.
559:05-26 14:33:27.094 1529 11911 D AudioIDCMicroNegotiator: idcm_af:updateAudioInfo
560:05-26 14:33:27.094 1529 11911 D AudioIDCMicroNegotiator: idcm_af:obtainFocusState
595:05-26 14:33:27.095 2058 2099 E MicroService: Client is not connected. ★★★★★ 微服务断联
605:05-26 14:33:27.095 2058 2099 E MicroService: Client is not connected.
943:05-26 14:33:27.150 813 8086 D audio_hw_primary: select_devices for use case (deep-buffer-playback)
958:05-26 14:33:27.151 813 8086 D audio_hw_primary: enable_snd_device: snd_device(2: speaker)
1068:05-26 14:33:27.695 1529 11911 W AudioIDCMicroNegotiator: idcm_warn: timeout for obtainFocusState: RequestInfosToIDCM{mPid=3531,
mUId=10087}
1069:05-26 14:33:27.695 1529 11911 D AudioIDCMicroNegotiator: idcm_af:notifyFocusState -> notify
1070:05-26 14:33:27.695 1529 11911 D AudioIDCMicroNegotiator: idcm_af:obtainFocusState, return: 0 mIsTimeout= true time= 601
1071:05-26 14:33:27.695 1529 11911 D AudioService.PlaybackActivityMonitor: idcm_af:requestAudioFocusToIDCM -> stopPlayer: 367 ★★★★★ 停止播放
1072:05-26 14:33:27.695 1529 1818 D AudioIDCMicroNegotiator: idcm_af:wait message done -> onAudioFocusRemoteChanged
1073:05-26 14:33:27.695 1529 1818 D AudioService.PlaybackActivityMonitor: idcm_af:onAudioFocusRemoteChanged: 0 info=
RequestInfosToIDCM{mPid=3531, mUId=10087}
1074:05-26 14:33:27.695 1529 1818 D AS.AudioService: idcm_af:onAudioFocusIDCMicroChanged: 0 info: RequestInfosToIDCM{mPid=3531, mUId=10087}
1075:05-26 14:33:27.695 1529 1818 D MediaFocusControl: audio_idcm: updateCurrentAudioFocus: uid= 10087 fr = 10087 focusChange= -1
1076:05-26 14:33:27.695 1529 11911 D AudioService.PlaybackActivityMonitor: idcm_af:stopPlayer apc= AudioPlaybackConfiguration piid:367 deviceId:0
type:android.media.MediaPlayer u/pid:10087/3531 state:idle attr:AudioAttributes: usage=USAGE_MEDIA content=CONTENT_TYPE_MUSIC flags=0x800
tags= bundle=null sessionId:0
1077:05-26 14:33:27.695 1529 1818 D AudioIDCMicroNegotiator: idcm_af:wait message
1078:05-26 14:33:27.695 1529 11911 W AudioService.PlaybackActivityMonitor: idcm_warn: ===rejected by IDCM: PLAYER_STATE_STARTED
1088:05-26 14:33:27.699 1529 1566 D AudioService.PlaybackActivityMonitor: idcm_af:requestAudioFocusToIDCM:
event=4(PLAYER_STATE_STOPPED)apc =AudioPlaybackConfiguration piid:367 deviceId:3 type:android.media.MediaPlayer u/pid:10087/3531 state:idle
attr:AudioAttributes: usage=USAGE_MEDIA content=CONTENT_TYPE_MUSIC flags=0x800 tags= bundle=null sessionId:0
1104:05-26 14:33:27.734 3531 3531 E MediaPlayerNative: pause called in state 64, mPlayer(0xb4000079308e5f90)
1105:05-26 14:33:27.734 3531 3531 E MediaPlayerNative: error (-38, 0) ★★★★★ 报错

下一步

需要AF查看网络断开的原因。

#3 - 2023-05-30 10:55 - CDFW-程天颖

- Status changed from ASSIGNED to NEED_INFO

- Assignee changed from CDFW-程天颖 to CDTS_TEST 王成

Hi,王成，我日志中观察，是由于中控副屏通信未建立成功导致的，但日志确中无法认为什么没有建立成功，需要提供开机上电到bug复现时的日志

#4 - 2023-05-30 16:05 - CDTS_TEST 王成

- File 1685433860631.zip added

#5 - 2023-05-31 15:31 - CD FW-程天颖

- Assignee changed from CDTS_TEST 王成 to CD FW-程天颖

#6 - 2023-05-31 19:56 - CDTS-TEST 周婷

- Due date set to 2023-06-05

#7 - 2023-05-31 20:05 - CD FW-程天颖

- Due date deleted (2023-06-05)

- Category changed from AUDIO-FW to 依赖中控解决

- Assignee changed from CD FW-程天颖 to CDTS_TEST 王成

■ Current conclusion

发现一处异常情况

■ My analysis

在13:50:01设备muc升级成功，正在重启

05-26 13:50:01.227 1513 25320 I ShutdownThread: Waiting for Radio...

05-26 13:50:01.227 1513 25320 I ShutdownThread: Radio shutdown complete.

05-26 13:50:01.228 1513 25302 I ShutdownThread: Shutdown critical subsyslist is :SDX55M :

05-26 13:50:01.228 1513 25302 I ShutdownThread: Waiting for a maximum of 10000ms

05-26 13:50:01.228 1513 25302 I ShutdownThread: Vendor subsystem(s) shutdown successful

05-26 13:50:01.228 1513 25302 I ShutdownThread: Rebooting, reason: mpu/mcu update success

13:50:10.237 网络搭建成功，收到中控启动的握手请求

05-26 13:50:10.237 2265 4219 I MicroService: Receive message: SocketMessageBean{businessData='21930', srcService='IDCM_COM', destService='FSEM_COM', messageType='2', uuid='0', payloadData={

05-26 13:50:10.237 2265 4219 I MicroService: "dstService": "FSEM_COM",

05-26 13:50:10.237 2265 4219 I MicroService: "messageType": 2,

05-26 13:50:10.237 2265 4219 I MicroService: "methodName": "startup",

05-26 13:50:10.237 2265 4219 I MicroService: "parameters": {

05-26 13:50:10.237 2265 4219 I MicroService: "crash": "true"

05-26 13:50:10.237 2265 4219 I MicroService: },

05-26 13:50:10.237 2265 4219 I MicroService: "srcService": "IDCM_COM",

05-26 13:50:10.237 2265 4219 I MicroService: "uuid": 0

05-26 13:50:10.237 2265 4219 I MicroService: }

05-26 13:50:10.237 2265 4219 I MicroService: }

向中控发送握手验证。

05-26 13:50:10.239 2265 4220 D MicroService: Send message to IDCM:SocketMessageBean{businessData='21930', srcService='FSEM_COM', destService='IDCM_COM', messageType='2', uuid='1685080210237461443',

payloadData={"srcService":"FSEM_COM","dstService":"IDCM_COM","messageType":2,"uuid":1685080210237461443,"methodName":"handShake","parameters":{"clientName":"FSEM_COM","clientVersion":"01.10"}}}

后续一直没收到中控握手成功回复，副屏不断尝试继续握手

13:50:17.178发送最后一次握手请求,中控仍然未回复，副屏放弃握手。

05-26 13:50:17.178 2265 2612 D MicroService: send handshake message, currentTryAccount=10

05-26 13:50:17.181 2265 2612 D MicroService: Send message to IDCM:SocketMessageBean{businessData='21930', srcService='FSEM_COM', destService='IDCM_COM', messageType='2', uuid='1684175975707684468',

payloadData={"srcService":"FSEM_COM","dstService":"IDCM_COM","messageType":2,"uuid":1684175975707684468,"methodName":"handShake","parameters":{"clientName":"FSEM_COM","clientVersion":"01.10"}}}

■ Next action

副屏重启，与中控请求握手， 中控未回复握手成功消息。需要联系中控的中控副屏通信模块研发进行调查中控为什么没有回复握手请求

#8 - 2023-05-31 20:06 - CD FW-程天颖

- Due date set to 2023-06-05

#9 - 2023-06-01 11:33 - CD FW-程天颖

- Category changed from 依赖中控解决 to 需和客户讨论的bug

■ Current conclusion

已经与中控的研发汪洋一起分析了log，疑似网络问题
和祥林一起分析log，发现以太网有问题

■ My analysis

000774_persist_00092_230526_135007.log:05-26 13:50:07.164 2265 2612 E MicroService: DTC_ETH: BaseMicroSocketClient:createClientSocket()
000774_persist_00092_230526_135007.log:05-26 13:50:07.995 0 0 E [27.104077] link_delay_work_func: DTC_ETH: SQI=0, link=0
000775_persist_00140_230526_141919.log:ing:05-26 14:19:20.466 2058 2216 E MicroService: DTC_ETH: BaseMicroSocketClient:createClientSocket()
000775_persist_00137_230526_141913.log:05-26 14:19:13.494 0 0 E [11.746707] link_delay_work_func: DTC_ETH: SQI=0, link=0
000775_persist_00137_230526_141913.log:05-26 14:19:14.326 2058 2216 E MicroService: DTC_ETH: BaseMicroSocketClient:createClientSocket()
000775_persist_00139_230526_141916.log:05-26 14:19:17.395 2058 2216 E MicroService: DTC_ETH: BaseMicroSocketClient:createClientSocket()
000775_persist_00139_230526_141916.log:05-26 14:19:18.614 0 0 E [16.864069] link_delay_work_func: DTC_ETH: SQI=0, link=0

期间有网络断连问题

■ Next action

调查网络问题

#10 - 2023-06-01 11:40 - CD FW-程天颖

- Category changed from 需和客户讨论的bug to BSP
- Assignee changed from CDTS_TEST 王成 to CD_BSP 彭文亮

Hi, 文亮

根据分析，该问题是由网络引起的，请帮忙分析

#11 - 2023-06-02 18:07 - CD TEST-方永红

- Status changed from NEED_INFO to ASSIGNED

#12 - 2023-06-03 19:21 - CD LC 陶洪普

1. 上面分析的,握手未收到回复,
是在日志 17221219C070000260_1685080985273.zip/FSEM_000774_0179_0526135010/logcat/ 000774_persist_00092_230526_135007.log.ing 中

向中控发送握手验证。
05-26 13:50:10.239 2265 4220 D MicroService: Send message to IDCM:SocketMessageBean{businessData='21930', srcService='FSEM_COM', destService='IDCM_COM',
messageType='2', uuid='1685080210237461443',
payloadData={"srcService":"FSEM_COM","dstService":"IDCM_COM","messageType":2,"uuid":1685080210237461443,"methodName":"handShake","parameters":{"client

Name":"FSEM_COM","clientVersion":"01.10"}}}

后续一直没收到中控握手成功回复，副屏不断尝试继续握手

该日志中未包含tcpdump文件. 无法分析报文交互流程

2. 对comment9中提到的网络问题.

000774_persist_00092_230526_135007.log:05-26 13:50:07.164 2265 2612 E MicroService: DTC_ETH: BaseMicroSocketClient:createClientSocket()

000774_persist_00092_230526_135007.log:05-26 13:50:07.995 0 0 E [27.104077] link_delay_work_func: DTC_ETH: SQI=0, link=0

该日志发生在 13:50:07, 而问题发生在13:50:10.239之后

在这三秒时间内, eth从down 到 up过程, 请参照下面信息. 因此commnet9中描述"发现以太网有问题" 不正确.

05-26 13:50:07.995 0 0 E [27.104077] link_delay_work_func: DTC_ETH: SQI=0, link=0

...

05-26 13:50:09.115 0 0 E [28.224286] mv2112_update_link: link 0x4

05-26 13:50:09.115 0 0 I [28.224319] lan743x 0001:01:00:0 eth0: Link is Up - 100Mbps/Full - flow control off

...

05-26 13:50:09.119 1521 1643 I EthernetTracker: interfaceLinkStateChanged, iface: eth0, up: true

...

05-26 13:50:09.126 1521 1643 I EthernetTracker: interfaceLinkStateChanged, iface: vlan0, up: true

05-26 13:50:09.127 1521 1643 I EthernetTracker: interfaceLinkStateChanged, iface: vlan1, up: true

05-26 13:50:09.127 1521 1643 I EthernetTracker: interfaceLinkStateChanged, iface: vlan2, up: true

05-26 13:50:09.131 1521 1643 I EthernetTracker: interfaceLinkStateChanged, iface: vlan4, up: true

05-26 13:50:09.131 1521 1643 I EthernetTracker: interfaceLinkStateChanged, iface: vlan8, up: true

05-26 13:50:09.131 1521 1643 I EthernetTracker: interfaceLinkStateChanged, iface: vlan11, up: true

...

3. 如上, 对于微服务为什么未收到回复,请中空确认是否有发送, 请抓取tcpdump来确认交互流程.

#13 - 2023-06-05 17:16 - CD_BSP 彭文亮

- Status changed from ASSIGNED to NEED_INFO

- Assignee changed from CD_BSP 彭文亮 to CD TEST-方永红

请见上楼洪普的分析需求。

#14 - 2023-06-05 20:04 - CDTs-TEST 周婷

- Assignee changed from CD TEST-方永红 to CD TPM-王祥林

需和中控分析

#15 - 2023-06-06 15:11 - CD TPM-王祥林

jira已回复，让客户的测试重新复现问题，并同时抓中控和副屏的tcpdump

#16 - 2023-06-06 15:11 - CD TPM-王祥林

- Assignee changed from CD TPM-王祥林 to CDTs_TEST 王成

#17 - 2023-06-10 10:53 - CD_BSP 彭文亮
- Assignee changed from CDTS_TEST 王成 to 物联网测试组_CDTS 唐霞

请使用最新版本DB，复现故障，抓取日志，保留现场。
fsem上抓取日志：
tcpdump -i eth0 -nnXSs 0 -w /data/fsem.pcap
adb logcat > fsem_logcat.txt
zk上抓取日志：
tcpdump -i eth0 -nnXSs 0 -w /data/zk.pcap
adb logcat > zk_logcat.txt

#18 - 2023-06-12 10:19 - CD_BSP 彭文亮
- File 118356_唐霞0611日测试图片记录.zip added

唐霞测试情况如下：
1) 通过adb push 的方式到设备，确实必现。我感觉这个不是问题，音乐文件名称含中文 push到设备后播放提示无法打开，改个名称再push进设备就播放正常了
2) 重启后有在“音乐播放器”中看到文件，修改名称为英文的音乐文件的播放正常，没有中文修改名称的同一个音乐文件无法播放。
目前结论：应为“中文名称的原因”，请找相关同事解决。

#19 - 2023-06-12 10:22 - CD_BSP 彭文亮
- Assignee changed from 物联网测试组_CDTS 唐霞 to CD FW-程天颖

#20 - 2023-06-12 11:20 - CD TPM-王祥林
- Status changed from NEED_INFO to RESOLVED
- Resolution changed from -- to DUPLICATE

在JIRA上跟踪，内部关闭此票。

#21 - 2023-06-12 11:28 - CD TPM-王祥林
- Assignee changed from CD FW-程天颖 to CDTS_TEST 王成

#22 - 2023-06-25 15:39 - CDTS_TEST 王成
- Status changed from RESOLVED to VERIFIED

研发（祥林）反馈：客户确认中控收到了副屏焦点请求包，但中控内部处理出现异常，非副屏以太网问题，本BUG关闭

#23 - 2023-06-25 15:39 - CDTS_TEST 王成
- Status changed from VERIFIED to CLOSED

Files			
音频-无法打开提示.mp4	3.67 MB	2023-05-29	CDTS_TEST 王成
爱就爱(1).mp3	4.96 MB	2023-05-29	CDTS_TEST 王成
tlog_iov0201017500006162025411a2212290000000561_000775_0526143352.tar.gz	6.63 MB	2023-05-29	CDTS_TEST 王成
1685433860631.zip	17 MB	2023-05-30	CDTS_TEST 王成

