thanks for your reply
What SDK version are you using?
--->30, i use aosp android-11.0.0_r17 to build the image

---><u>ro.build.id</u>=RP1A.201105.002 / ro.build.version.security_patch=2020-11-05 / ro.build.description=aosp_coral-userdebug 11 RP1A.201105.002 eng.xxxxx.20201217.114700 test-keys Which device did you use to reproduce this issue? ----> i use pixel 4 for developing this function. and i add a hal interface. in framewok, i write performRtp function to call hal. sample code: on app(sdk 27): create a MemoryFile, and transact ParcelFileDescriptor to framework/service get the ParcelFileDescriptor, and create a NativeHandle, then transact NativeHandle to hidl now i got this error: 12-14 11:46:08.320 W/Binder:1495_4(1495): type=1400 audit(0.0:29): avc: denied { use } for path="/dev/ashmem9f6c1bdf-0fb1-454e-8489-c1a1000c64ea" dev="tmpfs" ino=16470 scontext=u:r:hal_vibrator_default:s0 tcontext=u:r:untrusted_app_27:s0:c512,c768 tclass=fd permissive=0 for my mind: NativeHandle should solve this SELinux issue, expect your reply. sample code: https://drive.google.com/file/d/1NtVqQSo_MtoQpVEU2hAhWHnQZO8qMco_/view?usp=sharing log link: https://drive.google.com/file/d/14FnRw061UPmhlQFumw-90GnUbo4N41CJ/view?usp=sharing am...@google.com <am...@google.com>#4 Dec 22, 2020 06:37PM : Thank you for reporting this issue. We've shared this with our product and engineering teams and will continue to provide updates as more information becomes available. am...@google.com <am...@google.com>#5 Dec 24, 2020 05:23PM : $IRichtap Vibrator.perform Rtp Callback\ perform Rtp$ This looks like a custom HAL extension. Since this new interface requires passing a native handle, and the permissions for that aren't currently allowed, either: the interface should be changed to avoid needing a native handle the permission should be added to use the native handle Without a detailed analysis of the design/etc.. of this interface, it's impossible to say what is right from a security perspective or what is required technically. I use follow code to debug HIDL java If this is for testing only, you may consider the sepolicy macro userdebug or eng which can be used to avoid giving this permission in production. ma...@gmail.com <ma...@gmail.com>#6 Dec 24, 2020 06:07PM : thanks for your reply. i can add sepolicy change for resolving this SELinux issue. i want to known if it is normal. on Android Q ,i use c++ backend to transact handle. it's ok .do not have SELinux issue. sample code: hidl_handle hanle; native_handle_t *nh = native_handle_create(1,0); nh->data[0] = fd; hanle.setTo(nh, false /*own*/); //ALOGD("hidl handle ,set to not own this fd."); $halCall(\&RICHTAP::IVibrator::performRtp, static_cast < hidl_handle > (hanle), callback);\\$ on Android 11, use same code(c++ backend), from jni to hal, also have SELinux issue. of course, java backend still has this could you help me to check why Android 11 show me this issue, Android Q not. Android 11 upgrade security level? expect your reply, thanks in advance for your help. am...@google.com <am...@google.com>#7 Dec 28, 2020 06:52PM : Thanks for your update. We'll let you know soon. am...@google.com <am...@google.com>#8 Dec 29, 2020 06:02PM :

Which Android build are you using?

Hi mash...@,

	Below is the response for your <u>comment#6</u> .		
	Transfer of a file descriptor should be blocked by SELinux. It sounds like either:		
	There was a bug that was fixed		
	OR		
	The permission was removed so that you had to add it randomly Otherwise, if the issue still exists now, since you need the permission now, it seems we have no vican reproduce it still, 1/2 should be ruled out.	vay of reproducing it. If yo	u
	ma@gmail.com <ma@gmail.com><u>#9</u></ma@gmail.com>	Dec 31, 2020 11:53AM	:
	Dear <u>am@google.com</u> thanks for your reply, but how i can confirm SeLinux issue was fixed or should i add permission? my version tag is refs/tags/android-11.0.0_r17 if i add this permission for transferring file descriptor, if it cause XTS fail or not?		
	am@google.com <am@google.com><u>#10</u></am@google.com>	Jan 6, 2021 05:49PM	:
	Hi mash@,		
	If there is a denial, then a permission is needed for this to work.		
	if I add this permission for transferring file descriptor, if it cause XTS fail or not ?		
	CTS tests neverallow rules, which are also evaluated at compile time. So, if this builds (without re then it should pass this test case. I don't suspect any other test would fail, but you would need to	,	,
	Let us know for any other concerns.		
	ma@gmail.com <ma@gmail.com>_#11</ma@gmail.com>	Jan 12, 2021 12:36PM	:
	thanks for your reply . it's clear for me, and this tracker can be closed . thanks again.		
	am@google.com <am@google.com><u>#12</u></am@google.com>	Jan 12, 2021 08:03PM	:
	Status: Won't Fix (Intended Behavior)		
	Thanks for the update. Closing it as per comment#11.		