

Comments (13)

Dependencies

Duplicates (0)

Blocking (0)

Resources (10)

Assigned


Bug

P3




[AOSP] assigned

adexe s nau

 STATUS UPDATE


No update yet.

Edit

 DESCRIPTION

[Deleted User] created issue [#1](#)

Apr 4, 2022 04:04AM



We are not able to repro any anr in our app. Before upgrading to target 12 everything was fine but after upgrading to 12, many users are reported anr on firebase crashlytics.


ANR 1:

```
main (native): tid=1 systid=32245
#00 pc 0x9fc58 libc.so
#01 pc 0x1663c libutils.so
#02 pc 0x16520 libutils.so
#03 pc 0x152b78 libandroid_runtime.so
    at android.os.MessageQueue.nativePollOnce(MessageQueue.java)
    at android.os.MessageQueue.next(MessageQueue.java:335)
    at android.os.Looper.loopOnce(Looper.java:186)
    at android.os.Looper.loop(Looper.java:313)
    at android.app.ActivityThread.main(ActivityThread.java:8633)
    at java.lang.reflect.Method.invoke(Method.java)
    at com.android.internal.os.RuntimeInit$MethodAndArgsCaller.run(RuntimeInit.java:567)
    at com.android.internal.os.ZygoteInit.main(ZygoteInit.java:1135)
```

ANR 2:

```
queued-work-looper (native): tid=16 systid=25495
#00 pc 0xd7b88 libc.so
#01 pc 0x474c libopenjdkjvm.so
#02 pc 0x1e088 libopenjdk.so
    at java.io.FileDescriptor.sync(FileDescriptor.java)
    at android.os.FileUtils.sync(FileUtils.java:245)
    at android.app.SharedPreferencesImpl.writeToFile(SharedPreferencesImpl.java:807)
    at android.app.SharedPreferencesImpl.access$900(SharedPreferencesImpl.java:59)
    at android.app.SharedPreferencesImpl$2.run(SharedPreferencesImpl.java:672)
    at android.app.QueuedWork.processPendingWork(QueuedWork.java:264)
    at android.app.QueuedWork.access$000(QueuedWork.java:50)
    at android.app.QueuedWork$QueuedWorkHandler.handleMessage(QueuedWork.java:284)
```

Reporter

 [Deleted User]

Type

Bug

Priority

P3

Severity

S4

Status


Assigned

Access

Default access

View



Assignee

 vi...@google.com



Verifier

--

Collaborators

CC

[Deleted User]

AOSP ID

--

ReportedBy

Developer

Found In

--


Targeted To

--

Verified In

--

In Prod



✓ Links (10)

Hide all

 Links (10)

"For steps to capture a bug report, please refer: <https://developer.android.com/studio/debug/bug-report#bugreportdevice>"

vi...@ #2

"[https://drive.google.com/file/d/1PdRtt8x-W-r\\_6rgJ7VMI-rEJCIPHqca6/\\_...](https://drive.google.com/file/d/1PdRtt8x-W-r_6rgJ7VMI-rEJCIPHqca6/_...)"

nobody@ #3

"[https://drive.google.com/file/d/1nnSOe24dBGwg\\_L8ND2VEfo6XhIU2F9rG...](https://drive.google.com/file/d/1nnSOe24dBGwg_L8ND2VEfo6XhIU2F9rG...)"

nobody@ #3

"<https://play.google.com/store/apps/details?id=com.men...>"

nobody@ #3

"<https://drive.google.com/file/d/1Gn7nTQwpyUmr72z0XLXYz8J8-jggNYsc...>"

nobody@ #5


See all related links

COMMENTS


All comments



↓ Oldest first

 vi...@google.com <vi...@google.com> [#2](#)

Apr 4, 2022 04:39PM



Assigned to vi...@google.com.

Thank you for reporting this issue. For us to further investigate this issue, please provide the following additional information:

Android build

Which Android build are you using? (e.g. PPP5.180610.010)

Device used -- Device Make, Model, Android OS Version

On what devices did external users have reported this issue? Has anyone reported on the Pixel device?

Please share the app details like App name, package name, play store link.

Steps to reproduce

What steps are needed to reproduce this issue?

If possible, please share an Android full bug report from any of the users facing the issue (to be captured after reproducing the issue)

For steps to capture a bug report, please refer: <https://developer.android.com/studio/debug/bug-report#bugreportdevice>

Capture the issue in a screenshot (if possible)

Press the volume down and power buttons simultaneously. The image will appear in the picture gallery. Attach the screenshot image to this issue.

Note: Please avoid uploading directly to the issue using attachments. Please upload to google drive and share the folder to [android-bugreport@google.com](mailto:android-bugreport@google.com), then share the link here.



**[Deleted User]** <[Deleted User]> [#3](#)

Apr 4, 2022 05:15PM ⋮

We are getting these crash on firebase Crashlytics. based on firebase only have below data:

ANR 1 device info:

Device  
Brand:realme  
Model:realme X2  
Orientation: Unknown  
RAM free: Unknown  
Disk free: Unknown

Operating System  
Version:Android 11  
Orientation: Unknown  
Rooted:No

complete stack trace anr 1:  
[https://drive.google.com/file/d/1PdRtt8x-W-r\\_6rgJ7VMI-rEJCIPHqca6/view?usp=sharing](https://drive.google.com/file/d/1PdRtt8x-W-r_6rgJ7VMI-rEJCIPHqca6/view?usp=sharing)

ANR 2 device info:

Device  
  
Brand:vivo  
Model:vivo 1933  
Orientation: Unknown  
RAM free: Unknown  
Disk free: Unknown

Operating System  
Version:Android 11  
Orientation: Unknown  
Rooted:No

complete stack trace anr 2:  
[https://drive.google.com/file/d/1nnSOe24dBGwq\\_L8ND2VEfo6XhlU2F9rG/view?usp=sharing](https://drive.google.com/file/d/1nnSOe24dBGwq_L8ND2VEfo6XhlU2F9rG/view?usp=sharing)

Below is application play store link:  
<https://play.google.com/store/apps/details?id=com.mensxp>



**vi...@google.com** <vi...@google.com> [#4](#)

Apr 5, 2022 09:14PM ⋮

Thanks for the above information, as requested in [comment#2](#) please let us know if the issue is observed on Pixel devices as well. If yes, kindly share the bugreport/ANR stack trace from the Pixel device.



**[Deleted User]** <[Deleted User]> [#5](#)

Apr 5, 2022 11:12PM ⋮

As per firebase, These anr are not on pixel devices. check below link for all devices for which these anr are reported:

anr 1 devices:  
<https://drive.google.com/file/d/1Gn7nTQwpyUmr72z0XLXYz8J8-jggNYsc/view?usp=sharing>

anr 2 device:  
[https://drive.google.com/file/d/1fsM3N0oenaegAdvYpV6hyPj\\_cCcSACVJ/view?usp=sharing](https://drive.google.com/file/d/1fsM3N0oenaegAdvYpV6hyPj_cCcSACVJ/view?usp=sharing)



**vi...@google.com** <vi...@google.com> [#6](#)

Apr 6, 2022 05:14PM ⋮

We've shared this with our product and engineering teams and will continue to provide updates as more information becomes available.



**[Deleted User]** <[Deleted User]> [#7](#)

Apr 6, 2022 06:13PM ⋮

Thanks.

Addition to above, Below ANR also reported after target 12:

anr 3 stack trace:

<https://drive.google.com/file/d/10bawTODi1eJjcrXfKLjAvqhtjSGhRj4n/view?usp=sharing>

anr 3 devices info:

<https://drive.google.com/file/d/10mSoGwqRPA2QSLsg8nDSjnOkAQSSISMM/view?usp=sharing>

[Deleted User] <[Deleted User]> #9

Apr 9, 2022 08:15PM

ANR 1 volume is very high. Please check and provide some suggestions because it is happening after upgrade to 12 only. Before it, Everything was normal and there was no ANR.

ma...@westwing.pl <ma...@westwing.pl> #9

Apr 27, 2022 12:52AM

I am also experiencing massive (~thousands) occurrences of this ANR after bumping targetSdk to 31. The stacktrace points to sdk's code exclusively:

```
main (native): tid=1 systid=30426
#00 pc 0xa1488 libc.so
#01 pc 0x168d4 libutils.so
#02 pc 0x167b8 libutils.so
#03 pc 0x153e6c libandroid_runtime.so
    at android.os.MessageQueue.nativePollOnce(MessageQueue.java)
    at android.os.MessageQueue.next(MessageQueue.java:335)
    at android.os.Looper.loopOnce(Looper.java:186)
    at android.os.Looper.loop(Looper.java:313)
    at android.app.ActivityThread.main(ActivityThread.java:8663)
    at java.lang.reflect.Method.invoke(Method.java)
    at com.android.internal.os.RuntimeInit$MethodAndArgsCaller.run(RuntimeInit.java:567)
    at com.android.internal.os.ZygoteInit.main(ZygoteInit.java:1135)
```

ro...@opensurvey.co.kr <ro...@opensurvey.co.kr> #10

Apr 28, 2022 05:01PM

```
#00 pc 000000000086f8c /apex/com.android.runtime/lib64/bionic/libc.so (syscall+28)
#00 pc 00000000001b17a4 /apex/com.android.art/lib64/libart.so
(art::ConditionVariable::WaitHoldingLocks(art::Thread*)+148)
#00 pc 00000000003a8a2c /apex/com.android.art/lib64/libart.so (art::JNI<false>::NewLocalRef(_JNIEnv*, _jobject*)+492)
#00 pc 00000000027ed694 /data/app/~~3JAnCZAlOeFKOvJB1Pumyww=/com.google.android.webview-1gm9uF-
_95bY9BbEASgXuQ=/base.apk!libmonochrome.so (???)
#00 pc 0000000002166838 /data/app/~~3JAnCZAlOeFKOvJB1Pumyww=/com.google.android.webview-1gm9uF-
_95bY9BbEASgXuQ=/base.apk!libmonochrome.so (???)
#00 pc 000000000216128c /data/app/~~3JAnCZAlOeFKOvJB1Pumyww=/com.google.android.webview-1gm9uF-
_95bY9BbEASgXuQ=/base.apk!libmonochrome.so (???)
#00 pc 00000000021605cc /data/app/~~3JAnCZAlOeFKOvJB1Pumyww=/com.google.android.webview-1gm9uF-
_95bY9BbEASgXuQ=/base.apk!libmonochrome.so (???)
#00 pc 0000000001f04474 /data/app/~~3JAnCZAlOeFKOvJB1Pumyww=/com.google.android.webview-1gm9uF-
_95bY9BbEASgXuQ=/base.apk!libmonochrome.so (???)
#00 pc 0000000002161354 /data/app/~~3JAnCZAlOeFKOvJB1Pumyww=/com.google.android.webview-1gm9uF-
_95bY9BbEASgXuQ=/base.apk!libmonochrome.so (???)
#00 pc 0000000004743678 /data/app/~~3JAnCZAlOeFKOvJB1Pumyww=/com.google.android.webview-1gm9uF-
_95bY9BbEASgXuQ=/base.apk!libmonochrome.so (???)
#00 pc 0000000001f02348 /data/app/~~3JAnCZAlOeFKOvJB1Pumyww=/com.google.android.webview-1gm9uF-
_95bY9BbEASgXuQ=/base.apk!libmonochrome.so (???)
#00 pc 0000000001f02bdc /data/app/~~3JAnCZAlOeFKOvJB1Pumyww=/com.google.android.webview-1gm9uF-
_95bY9BbEASgXuQ=/base.apk!libmonochrome.so (???)
#00 pc 00000000020b8550 /data/app/~~3JAnCZAlOeFKOvJB1Pumyww=/com.google.android.webview-1gm9uF-
_95bY9BbEASgXuQ=/base.apk!libmonochrome.so (???)
#00 pc 00000000020baa20 /data/app/~~3JAnCZAlOeFKOvJB1Pumyww=/com.google.android.webview-1gm9uF-
_95bY9BbEASgXuQ=/base.apk!libmonochrome.so (???)
#00 pc 0000000001f08ed8 /data/app/~~3JAnCZAlOeFKOvJB1Pumyww=/com.google.android.webview-1gm9uF-
_95bY9BbEASgXuQ=/base.apk!libmonochrome.so (???)
#00 pc 00000000038b26e0 /data/app/~~3JAnCZAlOeFKOvJB1Pumyww=/com.google.android.webview-1gm9uF-
_95bY9BbEASgXuQ=/base.apk!libmonochrome.so (???)
#00 pc 00000000038b26a0 /data/app/~~3JAnCZAlOeFKOvJB1Pumyww=/com.google.android.webview-1gm9uF-
_95bY9BbEASgXuQ=/base.apk!libmonochrome.so (???)
#00 pc 00000000033065bc /data/app/~~3JAnCZAlOeFKOvJB1Pumyww=/com.google.android.webview-1gm9uF-
_95bY9BbEASgXuQ=/base.apk!libmonochrome.so (???)
#00 pc 0000000003306fd0 /data/app/~~3JAnCZAlOeFKOvJB1Pumyww=/com.google.android.webview-1gm9uF-
_95bY9BbEASgXuQ=/base.apk!libmonochrome.so (???)
#00 pc 0000000003d267cc /data/app/~~3JAnCZAlOeFKOvJB1Pumyww=/com.google.android.webview-1gm9uF-
_95bY9BbEASgXuQ=/base.apk!libmonochrome.so (???)
#00 pc 0000000003d26780 /data/app/~~3JAnCZAlOeFKOvJB1Pumyww=/com.google.android.webview-1gm9uF-
_95bY9BbEASgXuQ=/base.apk!libmonochrome.so (???)
#00 pc 0000000003d26708 /data/app/~~3JAnCZAlOeFKOvJB1Pumyww=/com.google.android.webview-1gm9uF-
_95bY9BbEASgXuQ=/base.apk!libmonochrome.so (???)
#00 pc 00000000001a064 /system/lib64/libutils.so (android::Looper::pollInner(int)+916)
#00 pc 000000000019c68 /system/lib64/libutils.so (android::Looper::pollOnce(int, int*, int*, void**)+112)
```

```
#00 pc 00000000011928c /system/lib64/libandroid_runtime.so
(android.os.MessageQueue.nativePollOnce(_JNIEnv*, _jobject*, long, int)+44)
at android.os.MessageQueue.nativePollOnce (Native method)
at android.os.MessageQueue.next (MessageQueue.java:335)
at android.os.Looper.loop (Looper.java:206)
at android.app.ActivityThread.main (ActivityThread.java:8512)
at java.lang.reflect.Method.invoke (Native method)
at com.android.internal.os.RuntimeInit$MethodAndArgsCaller.run (RuntimeInit.java:602)
at com.android.internal.os.ZygoteInit.main (ZygoteInit.java:1139)
```

I have Same issue too.

I use webview, when app after LMK, it happend.



**tu...@gmail.com** <tu...@gmail.com> [#11](#)

Jul 25, 2022 06:30PM ⋮

after 8.0.0, there is too many processPendingWork anr. Because when activity onstop, waitToFinish invoke processPendingWork to help sWrok writing runnable to disk on main Thread!  
there is two anr points: show codes

[https://cs.android.com/android/platform/superproject/+/android-11.0.0\\_r17:frameworks/base/core/java/android/app/QueuedWork.java](https://cs.android.com/android/platform/superproject/+/android-11.0.0_r17:frameworks/base/core/java/android/app/QueuedWork.java)  
[https://cs.android.com/android/platform/superproject/+/android-12.0.0\\_r19:frameworks/base/core/java/android/app/QueuedWork.java](https://cs.android.com/android/platform/superproject/+/android-12.0.0_r19:frameworks/base/core/java/android/app/QueuedWork.java)

```
private static void processPendingWork() {
    synchronized (sProcessingWork) { // may wait to get sProcessingWork lock on main thread util an anr. this is first.
        LinkedList<Runnable> work;

        synchronized (sLock) {
            // Android 8.0 ~ 11.0 use clone and clear methods, except android 12
            work = (LinkedList<Runnable>) sWork.clone();
            sWork.clear();

            // Android 12.0
            // work = sWork;
            // sWork = new LinkedList<>();

            // Remove all msg-s as all work will be processed now
            getHandler().removeMessages(QueuedWorkHandler.MSG_RUN);
        }

        if (work.size() > 0) {
            for (Runnable w : work) { // may occupy an anr if this work run too much time when on main thread. this is second
                w.run();
            }
        }
    }
}
```



**ko...@gmail.com** <ko...@gmail.com> [#12](#)

Sep 21, 2022 05:44PM ⋮

Just an info - still occuring with target/compileSdk = 33. Any news regarding the issue @Google?



**um...@goniyo.com** <um...@goniyo.com> [#13](#)

Oct 20, 2022 04:46PM ⋮

@all, Google is there any update on this?