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

I have a project setup where I am using gradle version 5.4.1 with r8 enabled and release build just work fine. The problem happens when I upgrade my gradle version to 6.5 and all of sudden few the solution at present I am applying is adding each file in proguard rule when I get the crash to prevent it from getting removed. And I feel this approach is not good as I am ending up putting mc

Please let me know is there a better way of doing it ?

✓ Links (8)


 Links (8)

"<http://scans.gradle.com>"

"<https://gradle.com/terms-of-service>"


"v6.5 scan - <https://scans.gradle.com/s/dmeod2nkojwjg>"

"v5.4.1 scan - <https://scans.gradle.com/s/ng3apyjufuq7a>"

"...s for sharing. With 6.5 I can see that app depends on  [androidx.constraintlayout:constraintlayout:2.0.4](#) and with 5.4.1 it depends on androidx.constraintlayout:constraintlayout:1.1.3 (which gets u

See all related links

COMMENTS




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

Reassigned to sg...@google.com.

Thank you for the report. I have a few clarifying questions:


1. Which version of Android Studio/AGP you are using?

2. Is the changed behavior caused by *only* upgrading Gradle, or are other components upgraded as well?



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


I am using android studio 4.1.2
This is been observed in my project only after I upgrade the gradle version in gradle.properties to 6.5 from 5.4.1



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


Reassigned to ga...@google.com.

Ivan, can you think of anything which will change building and APK with shrinking from just upgrading the Gradle version?




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

What could lead to remove the certain classes from final apk in 6.5 which was running correctly on 5.4.1 gradle version. Is there some attribute specific to r8 config I can use ? to prevent it fr




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

If the Gradle version in `gradle-wrapper.properties` is the only thing that changes, it could be that the dependency resolution differs between Gradle 5.4.1 and Gradle 6.5.
Can you please share a sample project that reproduces this issue? If that is not possible, can you please run `./gradlew assembleRel --scan` for both Gradle versions and share URLs to Gr




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

Thanks for the input. Sure I will run `./gradlew assembleRel --scan` and share the result for both version.




[Deleted User] <[Deleted User]> [#8](#)

PFA scan result for both the gradle version. Please let me know if you need any information to debug further.

 gradle_5.4.1.txt

152 KB [View](#) [Download](#)

 **gradle_6.5.txt**
93 KB [View](#) [Download](#)

ga...@google.com <ga...@google.com> [#9](#)

Thanks for sharing the logs, but they do not help too much in understanding how dependencies changed. At the end of build, you should see a prompt with Publishing a build scan to s defined at <https://gradle.com/terms-of-service>. Do you accept these terms? [yes, no] .

Can you please review and accept the terms, and after that a URL will be generated that points to your Gradle build scan? Can you also share links for 5.4.1 and 6.5?

[Deleted User] <[Deleted User]> [#10](#)

Ok. Let me get that quickly for you.

[Deleted User] <[Deleted User]> [#11](#)

v6.5 scan - <https://scans.gradle.com/s/dmeod2nkojwjg>

v5.4.1 scan - <https://scans.gradle.com/s/ng3apyjufuq7a>

ga...@google.com <ga...@google.com> [#12](#)

Thanks for sharing. With 6.5 I can see that app depends on `androidx.constraintlayout:constraintlayout:2.0.4` and with 5.4.1 it depends on `androidx.constraintlayout:constraintlayout:2.0.0`. `designkit` uses a newer version.

This indicates that it is not only `gradle-wrapper.properties` that differs (update from 5.4.1 to 6.5), but there are change to build scripts. Can you please check that?

[Deleted User] <[Deleted User]> [#13](#)

I upgraded the constraint layout to 2.0.4 and removed the find bugs with gradle version 5.4.1. The scan result is here <https://scans.gradle.com/s/ll6qjgkz7wcli> . This is the same kind of setup

ga...@google.com <ga...@google.com> [#14](#)

Can you please share the project that reproduces the issue? That should help us debug it.

[Deleted User] <[Deleted User]> [#15](#)

I am really sorry, I will not be able to share the project to reproduce this issue. Please let me know if there are any other possibilities.

ga...@google.com <ga...@google.com> [#16](#)

Can you please share the APKs produced with 5.4.1 and 6.5? Can you also add `-printconfiguration /tmp/output.txt` to your keep rules and share the generated files for both versions? when 6.5 is used.

[Deleted User] <[Deleted User]> [#17](#)

Sure this I can do. I will share the info ASAP

[Deleted User] <[Deleted User]> [#18](#)

Can you please let us know how can we share the apk . Because we don't want to post the apk here. if we can get the email id of the respective team at google will be good.

ga...@google.com <ga...@google.com> [#19](#)

Before sharing the APKs, can you please share other info requested in #16?

[Deleted User] <[Deleted User]> [#20](#)

I have attached the print configuration and also I see JNI related classes was automatically getting added on 5.4.1 . for instance below one. The same is not present in the 6.5.

```
# Many of the Conscript classes are referenced indirectly via JNI or
# reflection.
# This could probably be tightened up, but this will get it building for now.
# TODO(kroot): Need anything special to prevent obfuscation?
-keep class org.conscript.** { *; }
```

So below is the error I am getting when I generate build after upgrading to 6.5.1

'JNI DETECTED ERROR IN APPLICATION: JNI NewGlobalRef called with pending exception java.lang.ClassNotFoundException: Didn't find class "org.conscrypt.CryptoUpcalls" on path: DexPa

Message last modified on Jun 2, 2021 04:24PM

 **proguard_config_5.4.1.txt**
512 KB [View](#) [Download](#)

 **proguard_config_6.5.txt**
63 KB [View](#) [Download](#)



ga...@google.com <ga...@google.com> [#21](#)

Thanks for sharing this. Comparing the two config files the 5. 4. 1 one contains many more rules, so there is something strange going on. In order for me to understand the diff between the <GRADLE_5. 4. 1_SHA> <GRADLE_6. 5. 1_SHA> ?



an...@google.com <an...@google.com> [#22](#)

Status: Won't Fix (Not Reproducible)

Our team had requested additional information for this issue which was not provided within 30 days. Unfortunately there is not enough information for us to proceed and this issue is now clc

In the future, if you encounter this or any other issue, please read <https://developer.android.com/studio/report-bugs.html> and file a new bug report with all the required information. This will h

Thank you!