Android Public Tracker · 122098785 ·

← ↻ ☆ Chinese OEMs constantly violating Android compliance
+1 ⁺¹ Hotlists (64) Mark as Duplicate ⌄ ⋮

In Progress Bug P3 + [AOSP] assigned

Comments (99+) Dependencies (0/4) Duplicates (6) Blocking (0) Resources (99+)

Reporter	se...@gmail.com
Type	Bug
Priority	P3
Severity	S3
Status	In Progress (Accepted)
Assignee	cc...@google.com
Verifier	-
CC	ad...@google.com
	ja...@google.com
	na...@google.com
	sa...@google.com
	se...@gmail.com
	zh...@google.com
AOSP ID	-
Reported By	Developer
Found In	-
Targeted To	-
Verified In	-
In Prod	-

📄 DESCRIPTION se...@gmail.com created issue #1   Dec 28, 2018 07:01AM ⋮

I am writing this in full sincerity. Please take it into consideration.

As a company, we develop a library that collects sensor and location data from the device, sends it to our platform, and transforms it into meaningful information about the user (user habits, routines, etc.).

Over the past years, it has been painfully difficult to support Chinese OEM devices (Huawei, Xiaomi, etc.). These OEMs are modifying Android in ways that break core functionality. The default behavior of these devices is to forbid newly installed apps to send/receive broadcasts, acquire wakelocks, start services, set alarms, etc. in certain conditions (e.g. screen off), unless the user explicitly whitelists the app.

The problem with this approach is that users are not very savvy and unaware of this. The blame is therefore directed to developers. We explicitly need to detect the manufacturer, and guide the user to whitelist their app. Maintaining this for all manufacturers is a nightmare.

Additionally, these OEMs preload (and remotely configure) a whitelist of packages that are allowed to freely perform said actions. How is this fair to the rest of us?

Honestly, how is Google certifying these devices when the core functionality does not work out of the box?

✓ Mentioned issues (16)   ⬡ Links (53)   Hide all

ⓘ Mentioned issues (16)
P3 Request: Don't let manufacturers to ruin how apps start themselves "https://issuetracker.google.com/123653024"   lb...@ #12 ka...@ #150 kh...@ #192 kh...@ #201 ph...@ #238 lb...@ #239
P3 Foreground service killed when receiving broadcast after activity swiped away in task list "https://issuetracker.google.com/122246986"   ha...@ #27
-   -   "https://issuetracker.google.com/..."   ro...@ #26 ka...@ #150 ch...@ #192 kh...@ #201
P3 Bug: Xiaomi with Android 10 doesn't follow the rules of "Restrictions on starting activities from the background" "https://issuetracker.google.com/150627645"   lb...@ #58 lb...@ #109
P2 Cannot receive alarm if app swiped from recent-apps "https://issuetracker.google.com/148171173"   en...@ #105
See all mentioned issues

⬡ Links (53)
" https://www.theverge.com/2018/7/25/17614014/vlc-blacklisting-recent-huawei-devices... "   se...@ #2 to...@ #74
" https://twitter.com/videolan/status/1022354204025860... "   se...@ #3
"https://dontkillmyapp.com/"   ma...@ #10 pu...@ #11 lb...@ #67 to...@ #74 tz...@ #115 pe...@ #132 lb...@ #140 lb...@ #161 ch...@ #205
"https://nel.stack.help/hc/en-us/articles/360001562747-Known-issues-with-A..."   pu...@ #11
"https://bitbucket.org/cpgluk/acr/issues/607"   pu...@ #11 to...@ #74
See all related links

COMMENTS   All comments ▾   ↓ Oldest first

○ ad...@google.com <ad...@google.com> #2   Dec 28, 2018 08:00AM ⋮
   Assigned to ad...@google.com

   Which app are you using? Please share its Play Store link. Also mention the steps to be followed for reproducing the issue with the given app.

   Can you share a bug report, after reproducing the issue ?

   Frequency
   How frequently does this issue occur? (e.g 100% of the time, 10% of the time)

   Android bug report
   After reproducing the issue, press the volume up, volume down, and power button simultaneously. This will capture a bug report on your device in the "bug reports" directory. Attach the bug report file to this issue.

   Alternate method:
   After reproducing the issue, navigate to developer settings, ensure 'USB debugging' is enabled, then enable 'Bug report shortcut'. To take bug report, hold the power button and select the 'Take bug report' option.

   NOTE: Please upload the files to Google Drive and share the folder to android-bugreport@google.com, then share the link here.

○ se...@gmail.com <se...@gmail.com> #3   Dec 28, 2018 02:48PM ⋮
   With all due respect, I do not have additional data to share. I can only point you to one of many complaints already made regarding this issue:

   * https://www.theverge.com/2018/7/25/17614014/vlc-blacklisting-recent-huawei-devices-negative-app-reviews
   * https://twitter.com/videolan/status/1022354204025860097

○ gu...@gmail.com <gu...@gmail.com> #4   Jan 1, 2019 06:25AM ⋮
   Global developer

○ to...@gmail.com <to...@gmail.com> #5   Jan 1, 2019 02:37PM ⋮
   Why are you fuck tards in my account. I'm sick of it. Did you get a good look at all my nude photos, as well as my children's photos. Stop going through my private information. Especially my photos of my children, when they were just little babies and were nude. You make me sick. Apple. Google. Suddenlink. Sprint. And the rest of you sick perverts. Stay off my 9 year old phone. Sickening

○ ad...@google.com <ad...@google.com> #6   Jan 2, 2019 08:38AM ⋮
   We have passed this to the development team and will update this issue with more information as it becomes available.

○ ad...@google.com <ad...@google.com> #7   Jan 3, 2019 08:34AM ⋮
   We have CTS that OEMs pass in order to ensure compatibility, we are not sure if this request is for better CTS or just a complaint that aggressive battery management breaks some apps' core functionalities.

   What use cases you want supported without having to get white-listed from battery optimizations?

○ se...@gmail.com <se...@gmail.com> #8   Jan 3, 2019 08:59AM ⋮
   This is a request for a better CTS to ensure OS core functionality is not selectively broken out of the box. If users chooses to limit certain functionality (running in the background, requesting locations, etc.), they can do so from the OEM's battery optimization settings. But having it disabled by default for a newly installed app reflects poorly on the app and the developer. Additionally, exclusive whitelisting of popular apps is poor practice and should be reprimanded by Google. There must be a policy ensuring that all apps are treated equally.

   Here are some use cases that are not possible today without explicit whitelisting (tested on Huawei P20 Lite running Android 8):
   * Receiving a geofence exit from Google Play Services (the broadcast is dropped since it is proxied via Huawei's powergenie manager).
   * Requesting sensor data using a foreground service (wakelocks are proxied as well and released upon screen off).
   * Receiving activity transition events from Google Play Services (again, broadcasts are dropped).
   * Requesting location fixes via Google Play Services by running a foreground service (wakelock and broadcast issues).

   Huawei uses powergenie to proxy all broadcasts and wakelocks through its service as soon the screen goes off, and selectively permits apps based on package name whitelisting, app type (email, instant messaging, clock), network connectivity, etc.

○ in...@appyhapps.nl <in...@appyhapps.nl> #9   Jan 5, 2019 03:55AM ⋮
   For example. Huawei has a launch mode for apps, by default automatically handled by Huawei. The default automatic launch mode prevents starting in the background (as foreground service), disables the working of the AlarmManager. Basic functionally correctly present in an app according to the Android specifications won't work without an explicit action of the end user to set the launch mode to manual and allow starting in the background, running in the background and starting other apps in the background (the last one for accessing another app service).

   It is impossible to explain to all app users on Huawei (or other phone models with similar aggressive background killing behavior) to manually set the launch mode. Apps that respect the latest Android rules for doze and background processes, won't work correctly. This has nothing to do with the white-listing from battery optimizations. Even that white-listing won't work if the launch mode isn't set correctly.

   The main point is not that some apps' core functionality is broken, the main point is that Android functionality isn't working as described in the specifications if the end user doesn't arrange certain settings manually.

   For Huawei this applies to the devices with Android 8 and Android 9.

○ ma...@gmail.com <ma...@gmail.com> #10   Jan 5, 2019 03:58AM ⋮
   Someone has made a site that documents all of the transgressions of various OEMs:

   https://dontkillmyapp.com/

   For example, some Nokia devices kill every background process and cancel all AlarmManager alarms after screen has been off for 20 minutes, even if that process runs as foreground service. This includes apps like alarm clocks, which is really bad (it prevents 3rd party alarm clocks from even waking you up in the morning). I think that things like this should definitely not pass the CTS.

○ pu...@gmail.com <pu...@gmail.com> #11   Jan 16, 2019 11:22AM ⋮
   More of that this absolute terrible situation for both users (seemingly broken apps) and developers (support nightmare).
   Android is becoming a free-for-all. Google, please do something with manufacturers so Android work as you document it !

   Why do we have to endure that mess:

   https://dontkillmyapp.com/
   https://nel.stack.help/hc/en-us/articles/360001562747-Known-issues-with-Android-notifications
   https://bitbucket.org/cpgluk/acr/issues/607
   https://news.ycombinator.com/item?id=18951006
   https://hackernoon.com/notifications-in-android-are-horribly-broken-b8dbec63f48a

   Manufacturers have FORKED Android regarding background processes behavior.

○ lb...@gmail.com <lb...@gmail.com> #12   Feb 1, 2019 03:45AM ⋮
   Hi, just to add more. Here's about auto-start and opening of apps:

   https://stackoverflow.com/questions/35366231/how-to-check-miui-autostart-permission-programmatically
   https://nine-fae.9folders.com/articles/8772-how-to-manage-autostart-service-on-the-xiaomi-devices
   http://en.miui.com/thread-1829332-1-1.html
   https://stackoverflow.com/questions/42936646/how-to-enable-autostart-for-my-app-in-xiaomi-devices

   The bad thing here, is that by default, they don't allow apps to auto-start themselves.

   I wrote about it here:
   https://issuetracker.google.com/issues/123653024

○ se...@gmail.com <se...@gmail.com> #13   Feb 28, 2019 09:55AM ⋮
   Can we get some feedback from Google on this please?

○ al...@gmail.com <al...@gmail.com> #14   Mar 4, 2019 04:12AM ⋮
   I'm a independent developer in China. It is so hard to development any background app. Almost all OEMs change the Standard API Behavior. No tips to tell the users, No docs(or Intent for Setting) for developer. They just kill you.

   Only OEM's own app or popular app can run stable in background by default. API Guide? they dont care.

   I can only give a tip for user, tell them: Be careful with the background restrictions of your phone. Want's more? Ask the phone factory customer service. I dont have the money to buy lots of phone from differnet OEM.
   Most normal user can not use the background app well. There are too many steps! They just know: This is a bad app...

○ lu...@gmail.com <lu...@gmail.com> #15   May 26, 2019 05:45AM ⋮
   CTS certification should be revoked for phones with modified Android API behaviors.
   It can be a security problem if the APIs were modified with a backdoor and passed CTS, in that case cannot be certain if Android can be trusted to banking apps.

   For manufacturers who modified the Android APIs to not behave as documented officially should not be tolerated in the first place.

○ lb...@gmail.com <lb...@gmail.com> #16   May 26, 2019 05:58AM ⋮
   Seems Huawei lost any connection with Google and won't have any new smartphones anytime soon with Google services.
   Not exactly what I was hoping for, but I hope other Chinese companies will either follow the rules (both of privacy and of Android framework) or not have Google services at all.

○ co...@gmail.com <co...@gmail.com> #17   Jul 2, 2019 03:00PM ⋮
   Android must be more restrictive about what each manufacturer can do. Either that or the whole concept will be lost. If developers cannot build efficient and working apps then users will not use our apps and just will use the manufacturers' apps. This will revert in a lot of money lost for Google. So Google, wake up and set your rules or all of us will be out of the business soon. In fact, I haven't add any new functionality to my apps in the last 10 months. I have been just working around and modifying code to get my apps to work with the new battery optimization conditions for every single device and android release.
   Manufacturers, instead of working on new better and enhanced batteries, are working on sleeping the device as much as possible. Smartphones are turning back into dumbphones.

○ pu...@gmail.com <pu...@gmail.com> #18   Jul 4, 2019 05:22AM ⋮
   That situation is horrible. How Google allows it, I do not understand. Please revoke the gapps license to manufacturers that break Android as documented. I suppose that would make them backpedal quick on their shitty battery saving measures breaking apps left and right.

○ al...@gmail.com <al...@gmail.com> #19   Jul 18, 2019 06:12AM ⋮
   This approach is not only ridiculous, but it also hinders science.
   There are a lot of scientific studies, which rely on apps to generate crowdsourced data sets.
   Most of these apps need to run in the background and the users know that (and it is shown via a notification).
   The approach of the mentioned chinese OEMs is unacceptable and Google needs to change that.

○ ja...@beartoothradio.com <ja...@beartoothradio.com> #20   Jul 27, 2019 01:39PM ⋮
   OnePlus also does this. This continues to be a support shit-show for us. Get your heads out of the sand please.

○ ro...@gmail.com <ro...@gmail.com> #21   Aug 1, 2019 07:43PM ⋮
   As an Android developer, this is the kind of shit I always deal with at work. I almost always get blamed because of this ridiculousness. For example, a specific feature is not working in this Chinese Android device but working in literally all phones. Google, please fix!

○ ja...@beartoothradio.com <ja...@beartoothradio.com> #22   Aug 6, 2019 10:33PM ⋮
   It's ironic how much time the Android team spends talking about perfecting user experience.... and then they let OnePlus release Google Play enabled devices that do this kind of stuff.

○ co...@gmail.com <co...@gmail.com> #23   Aug 7, 2019 06:54AM ⋮
   Mister Google, how is this issue doing? Your last test was in Jan, 3rd.
   Any more information about this big problem?
   Android Q is coming right now. Will it have this same problem that you are aware of since 2018?

○ lb...@gmail.com <lb...@gmail.com> #24   Aug 7, 2019 07:39AM ⋮
   @23 According to the AMA on reddit, they don't like this behavior, and added a test, at least for Q, for when the user removed an item from the recent tasks :
   https://www.reddit.com/r/androiddev/comments/cn4hb/were_on_the_engineering_team_for_android_q_ask_us/ew703f/

   We acknowledge the issue and take it very seriously. We have been actively working with device manufacturers to fix their implementations and seen some positive outcomes.

   While manufacturers are allowed to do battery saving by meeting all requirements listed under Section 8.3, it's highly likely the issues you described here are against the Android Compatibility Definition Document (CDD) requirements (e.g. "MUST NOT alter the lifecycle of system component" as described in Section 3.5/C-0-2.

   To help with the situation, we've added a CTS test in Android Q to ensure that an app is not killed upon being swiped from Recents. However, as you noted, device manufacturers have various implementations and it is extremely difficult to create an automated test to capture all wrong implementations that are against CDD requirements.

   Lastly, can you please share more details on the issues you described via DM? (i.e. APK names, repro process, device name, version and Android OS version). We'd like to look into it more. Thank you!

   I don't think it's enough, but at least something...

I guess it's hard to add those tests.
Even Samsung got to the bad list these days:
https://dontkillmyapp.com/samsung

and indeed I got a complaint about my app recently that can't respond to intents (even though it has a foreground service and the Activity is focused!) on Galaxy device with Android 9, after my app was "optimized".

Sadly they don't intend to write there anymore (thread locked), and they didn't answer most of the questions either, let alone comments to what they wrote (like the most popular complaint/worry about storage permission restrictions) ...

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ja...@beartoothradio.com <ja...@beartoothradio.com> #25　　　　　　　　　　　　　　　　　　　　　　　　　Aug 7, 2019 12:35PM ⋮

#24 Most of their answers in that AMA were either redirection or platitudes. I don't think they expected the mostly negative reaction to Q from the developer community.

This is a serious problem though and if it goes unchecked it will do harm the Android and Google brands. It will also do harm to any brand behind an app that relies on background activity.

This is not hard to fix, and the engineering team pretending as if it's some daunting task is infuriating. Hire some real human bodies for compliance testing. You have the money. Stop letting OEMs do whatever they want because you're afraid they'll use Tizen instead.

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lb...@gmail.com <lb...@gmail.com> #26　　　　　　　　　　　　　　　　　　　　　　　　　　　　Aug 7, 2019 12:49PM ⋮

@25 The tests don't already have humans to test ?

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he...@gmail.com <he...@gmail.com> #27　　　　　　　　　　　　　　　　　　　　　　　　　　　　Aug 8, 2019 10:00AM ⋮

@24 The swipe from Recents is likely caused by the decade old Android bug: https://issuetracker.google.com/issues/36967794

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lb...@gmail.com <lb...@gmail.com> #28　　　　　　　　　　　　　　　　　　　　　　　　　　　　Aug 8, 2019 10:35AM ⋮

@27 I don't think it's the same. They give the example that it exists even on Nexus 5.
Google for some reason just marked it as "Status: Won't Fix (Obsolete)", without any explanation.

What I'm talking about is putting intent-filter in the manifest (example: phone calls intents), receiving intents there as normal, till the user removes the app from the recent-tasks.
The manufacturer has "auto-start" toggle for each app. For some popular apps it's turned on by default. For most of the apps on the Play Store, it's not.
When it's not, nothing will trigger the app to start again, except for the normal launching of the app.

Also, to them, it's not a "bug" as the manufacturer intended it. It's a "feature" in their eyes.
Just a terrible one, as it breaks expected behavior, not a standard, and doesn't have any official way to handle.

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ce...@gmail.com <ce...@gmail.com> #29　　　　　　　　　　　　　　　　　　　　　　　　　　Aug 27, 2019 10:47AM ⋮

@28
CTS has recently forbidden OEMs to kill apps if the task is swiped away.
Customized approaches other than google's own machining learning based algorithm, except this behavior are still allowed, and I believe it is a good thing to kill an app solely based on user's will.

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lb...@gmail.com <lb...@gmail.com> #30　　　　　　　　　　　　　　　　　　　　　　　　　　Aug 27, 2019 10:55AM ⋮

@29 What do you mean by " it is a good thing to kill an app solely based on user's will." ?
Do you think it's good how the OEMs treat what happens by removing from recent tasks?
It does much more than kill the process (which also shouldn't occur in 100% of the cases).
It semi-disables the app.
They created a "auto-start" setting, which means that apps won't be able to receive intents in this case.
So imagine you've made any app that listens to some global intent (like a phone call) and acts accordingly. Maybe even show something to the user.
Now your app won't work this way anymore just because the user removed it from the recent tasks.
And users still remove apps from recent tasks very often.

How could this be a good thing?
It causes a lot of complaints by users already, and developers can't do anything about it, other than requesting permissions they don't really need (or other weird workarounds), just to let the apps stay alive.

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mi...@gmail.com <mi...@gmail.com> #31　　　　　　　　　　　　　　　　　　　　　　　　　　Sep 25, 2019 02:02AM ⋮

Google please answer our questions. Everything what these developers wrote are facts, I think they deserve and naswer.

What do you plan to do with this problem? How do you plan to solve this issue?

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co...@gmail.com <co...@gmail.com> #32　　　　　　　　　　　　　　　　　　　　　　　　　　Oct 5, 2019 07:22AM ⋮

Mr Google, any news about this issue?

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hw...@gmail.com <hw...@gmail.com> #33　　　　　　　　　　　　　　　　　　　　　　　　　　Oct 7, 2019 04:30PM ⋮

ULTRAMEGABIGWIN

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vi...@google.com <vi...@google.com> #34　　　　　　　　　　　　　　　　　　　　　　　　　Oct 30, 2019 08:38AM ⋮

Our Engineering team is still working on this issue. We will provide more updates as they become available.

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lb...@gmail.com <lb...@gmail.com> #35　　　　　　　　　　　　　　　　　　　　　　　　　　Oct 30, 2019 08:41AM ⋮

@34 I hope you will find a good solution that is harsh against this kind of thing.
I'm not saying they shouldn't add features. I say they shouldn't cause apps to break so easily and especially by default.

It's not just Chinese OEMs anymore:
http://dontkillmyapp.com

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ro...@gmail.com <ro...@gmail.com> #36　　　　　　　　　　　　　　　　　　　　　　　　　　Oct 30, 2019 08:43AM ⋮

Emails from this thread contain line "blocked by: 122246986" with link to https://issuetracker.google.com/issues/122246986

I think we all want to know, what exactly blocks this important issue, but I'm getting "access denied" when trying to open that link

Just delaying solution are only makes thing worse. There is already millions of devices, that won't be ever updated. And now even Samsung started to roll such "battery savers" in updates and new devices (S9, S10, etc)

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an...@gmail.com <an...@gmail.com> #37　　　　　　　　　　　　　　　　　　　　　　　　　　Nov 8, 2019 01:00PM ⋮

Hi Google,
How about this issue? Our apps is alarm for prayer times, in my country Indonesia 80% Android devices is Chinese ROM, all Chinese Roms will kill alarm, schedule jobs, work-manager. Why you made functions of alarm, work-manager if not working on 80% populations Android device in the world?

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an...@gmail.com <an...@gmail.com> #38　　　　　　　　　　　　　　　　　　　　　　　　　　Nov 8, 2019 01:05PM ⋮

Hi Google Developers,
You must to buy one of the latest Xiaomi devices, and please make a repetition alarm application, for example. create an alarm with notifications every 5 o'clock in the morning, (and don't open the application), and you won't get notifications tomorrow at 5 o'clock in the morning. YOUR APP KILLED BY XIAOMI SYSTEM.

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su...@gmail.com <su...@gmail.com> #39　　　　　　　　　　　　　　　　　　　　　　　　　　Nov 12, 2019 03:22PM ⋮

Any news on this? The fact that this OEM customizations have whitelists for the most popular apps make it even worse for us developers. It is NOT an even playing field at all if OEMs start to decide which apps can run normally and which ones get the background restriction hammer, is appalling that this has been reported back in January. We are approaching December and nothing has happened other than a vague statement.

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ma...@gmail.com <ma...@gmail.com> #40　　　　　　　　　　　　　　　　　　　　　　　　　　Nov 13, 2019 06:49AM ⋮

I am not a legal expert, but isn't it an unfair business practice to systematically disadvantage small companies (as opposed to Google, Facebook, Tinder and all other apps that aren't "optimized" by default)? It might be worth investigating if a lawsuite is possible (at least from within the EU it should be) against manufacturers who penalize small apps. The penalty that eg Huawei will get will hopefully force them to make their OS compliant.

[Deleted User] <[Deleted User]> #41　　　　　　　　　　　　　　　　　　　　　　　　　　　　Nov 13, 2019 02:03PM ⋮

Because this problem my users give bad review for my app, 80% my users using Chinese Phones, Xiaomi, Huawei, Vivo, Asus, etc. Because my users don't understand that their OS kill my app. WorkManager, AlarmManager, Jobs it's not working on Chinese Phones after users don't open the apps until 3-4 hours. Even Auto Start After Boot also not working. (You can try if you don't believe).
Example: A Prayer times apps installed by users at 4 am, and user turn on the alarm function from my app for get notification for prayer times for every day at 5 am, and then in that day the user will get notification at 5 am (here the alarm function still working). But at tomorrow the user never got a notification at 5 am (here the OS has been killed my app, WorkManager, AlarmManager, Jobs).
I hope Google can provide justice for small developers like us.
Thanks.

[Deleted User] <[Deleted User]> #42　　　　　　　　　　　　　　　　　　　　　　　　　　　　Nov 20, 2019 06:26AM ⋮

Even WorkManager doesn't solve this issue on Chinese OEMs.

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ab...@gmail.com <ab...@gmail.com> #43　　　　　　　　　　　　　　　　　　　　　　　　　　Nov 24, 2019 05:42AM ⋮

Even WorkManager doesn't solve this issue on Chinese OEMs.

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re...@gmail.com <re...@gmail.com> #44　　　　　　　　　　　　　　　　　　　　　　　　　　Nov 27, 2019 09:17AM ⋮

Hey, Google, what are You planning to do with all this?

I understand, that it's hard to make an automated test for detection of all that mess, that these stupidiot manufacturers making with Android APIs responsible for background and foreground services.
These manufacturers care only about their profits, neither about their users or app developers.

But You need to overcome this no matter how hard it is and enforce manufacturers to not turn on by default any battery saving feature they have. You have resources for this - You are one of the largest international IT companies worldwide.

As a result, even if You will not completely deny all this shit, there will be surely a noticeable positive outcome.

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re...@gmail.com <re...@gmail.com> #45　　　　　　　　　　　　　　　　　　　　　　　　　　Nov 27, 2019 09:19AM ⋮

P.S. I think also, that owners of a lot of these dumb phone manufacturer don't even use their phones, but buy iPhones or smth else instead.

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su...@gmail.com <su...@gmail.com> #46　　　　　　　　　　　　　　　　　　　　　　　　　　Dec 2, 2019 04:01AM ⋮

Is there any official answer for this?

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lb...@gmail.com <lb...@gmail.com> #47　　　　　　　　　　　　　　　　　　　　　　　　　　Dec 2, 2019 04:05AM ⋮

@46 No, and it's actually seem to become worst:
https://commonsware.com/blog/2019/12/01/scoped-storage-stories-problems-saf.html

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lb...@gmail.com <lb...@gmail.com> #48　　　　　　　　　　　　　　　　　　　　　　　　　　Dec 2, 2019 04:06AM ⋮

@47 *Worse

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vi...@google.com <vi...@google.com>　　　　　　　　　　　　　　　　　　　　　　　　　　Dec 9, 2019 04:03AM ⋮

Reassigned to cc...@google.com

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an...@gmail.com <an...@gmail.com> #49　　　　　　　　　　　　　　　　　　　　　　　　　　Dec 15, 2019 04:31AM ⋮

There are some issues that should be solved as soon as possible, AND this issue should be solved months ago!

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re...@gmail.com <re...@gmail.com> #50　　　　　　　　　　　　　　　　　　　　　　　　　　Jan 6, 2020 12:34PM ⋮

Hello. We're in 2020. Has the problem improved?

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an...@gmail.com <an...@gmail.com> #51　　　　　　　　　　　　　　　　　　　　　　　　　　Jan 6, 2020 07:30PM ⋮

#50 I think NO :-)

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an...@gmail.com <an...@gmail.com> #52　　　　　　　　　　　　　　　　　　　　　　　　　　Jan 7, 2020 01:03AM ⋮

The more such issues starts coming, the more I envy iOS developers. Atleast they have a guarantee that if the app works on one version of OS, it will work on all other devices.

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re...@gmail.com <re...@gmail.com> #53　　　　　　　　　　　　　　　　　　　　　　　　　　Jan 13, 2020 05:16PM ⋮

Hey, Uncle Google, hand me that mistake. When we write the software, I wonder if it will work on every device !!!

[Deleted User] <[Deleted User]> #54　　　　　　　　　　　　　　　　　　　　　　　　　　　　Jan 16, 2020 11:24AM ⋮

Still nothing has been done about this issue. Congrats google for getting this fat paycheck from huawei, I suppose.

[Deleted User] <[Deleted User]> #55　　　　　　　　　　　　　　　　　　　　　　　　　　　　Jan 16, 2020 11:27AM ⋮

Foreground services never work on any huawei devices, they get killed the second screen is locked and no settings in the system allow the user to change that. ref https://dontkillmyapp.com/huawei none of the provided solutions prevent killing the service.

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mu...@gmail.com <mu...@gmail.com> #56　　　　　　　　　　　　　　　　　　　　　　　　　　Jan 20, 2020 02:10AM ⋮

At least tell us, how to convince our clients, who say that XYZ App (mostly Big Apps) is working but your app is not working?

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st...@gmail.com <st...@gmail.com> #57　　　　　　　　　　　　　　　　　　　　　　　　　　Feb 16, 2020 06:57AM ⋮

Hi Any news about this?

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lb...@gmail.com <lb...@gmail.com> #58　　　　　　　　　　　　　　　　　　　　　　　　　　Mar 3, 2020 05:59AM ⋮

Found another violation of Xiaomi, this time on Android 10 to be able to "show a pop-up in the background", even though the docs say otherwise:
https://issuetracker.google.com/issues/150627645

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de...@gmail.com <de...@gmail.com> #59　　　　　　　　　　　　　　　　　　　　　　　　　　Mar 6, 2020 07:02AM ⋮

Anyone moving ahead with a lawsuit here (refer comment @40)?
Would like to know if a petition or something similar can be started, and if it can also act as an awareness campaign for even a small fraction of our customers, it would be something.

Just to share my experience, when I faced this issue, I tried a workaround of relying on FCM data messages to trigger my jobs (only partially successful so far). However, this will only work for non-time critical applications (syncing data with server, updating local cache etc.). If the task is time-critical, still hopeless.

Whitelisting specific apps at OS level is utter BS and highly likely unlawful too.

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to...@gmail.com <to...@gmail.com> #60　　　　　　　　　　　　　　　　　　　　　　　　　　Apr 2, 2020 07:45PM ⋮

Good

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to...@gmail.com <to...@gmail.com> #61　　　　　　　　　　　　　　　　　　　　　　　　　　Apr 2, 2020 07:45PM ⋮

Godddddd!

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cc...@google.com <cc...@google.com> #62　　　　　　　　　　　　　　　　　　　　　　　　　　May 4, 2020 01:44PM ⋮

Can you share which Chinese device / model you are seeing the issue with? Please include the build information too.

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lb...@gmail.com <lb...@gmail.com> #63 — May 4, 2020 02:35PM

@62 Who do you ask this?
And which of the issues?
I've found both "auto-start" permission (almost disables apps by default when removing from recent tasks, not allowing to start again via various Intents) and "show a pop-up in the background" (not following the docs about the excluded cases of allowing apps to appear "out of nowhere") on Xiaomi Redmi 8 with Android 9 build PKQ1.190319.001.

Both issues also appear on Xiaomi mi 9t with Android 10, as we've found, and Xiaomi Redmi Note 6 (Android 8.1.0) and Xiaomi Redmi 6A (Android 8.1.0).

So, just take any Xiaomi device that was made over the past years that has Android 8/9 or 10, and you will notice a bunch of made up permissions that break apps, usually by default.

And I'm sure Xiaomi isn't the only OEM that makes a mess.

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si...@gmail.com <si...@gmail.com> #64 — May 4, 2020 02:38PM

We got the problem of killing background services with these two phones:
P20 (HWEML) Android 9
OnePlus5T (OnePlus5T) Android 9

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co...@gmail.com <co...@gmail.com> #65 — May 4, 2020 05:32PM

Absolutely ALL recent Huawei devices

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da...@wikiloc.com <da...@wikiloc.com> #66 — May 5, 2020 04:18AM

Replying to #62:
We've faced this issue mostly with Huawei, OnePlus, Xiaomi and Samsung, in no particular order. Other brands, like Oppo and Honor pop up in customer support from time to time as well.

A bit of context:
In our case, we have a Foreground Service to continuously track the GPS location of the user (we're an outdoor sports tracker app). If the app is not manually whitelisted by the user against the OEM's own battery optimizer, it gets killed by the system after a while, usually while in background. Sometimes, whitelisting is not enough and the app gets killed anyway.

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lb...@gmail.com <lb...@gmail.com> #67 — May 5, 2020 04:28AM

@62 If you want to see how terrible the situation is, as various OEMs create their own weird rules, their own aggressive battery optimizers, and made-up permissions, you can read here and you can check on the website:
https://dontkillmyapp.com/

Sadly, Google should set strict rules about this matter: apps being killed, OEMs not following even the docs, made up permissions (some are even set by default) that break behavior...

Usually I'm against that Google will restrict things, but here the OEMs went way too far.

Really hate all this mess that each OEM makes its own behavior. There is almost always nothing developers can do, and users will complain about it to the developers and not the OEM, as if it's a bug on the app, and that's even though the app works fine on Vanilla (Pixel devices, for example) ...

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pu...@gmail.com <pu...@gmail.com> #68 — May 5, 2020 05:01AM

I've also seen devices for which bindService() to a Service in another app (thus a different process) systematically fails (return false) from these manufacturers and a few other minor ones not mentioned here:

Xiaomi: Android 9 and 10
Meizu: Android 5.1 to 9
TCL: Android 9
BLU: Android 9
Blackberry

The only case where bindService() does not fail on these device is if the process we want to bind to is already running prior bindService().

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co...@gmail.com <co...@gmail.com> #69 — May 5, 2020 05:13AM

As extra info for comment #67 here you have another site to help users set their devices correctly:
https://www.undoze.com/a/soundprofile

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an...@gmail.com <an...@gmail.com> #70 — May 5, 2020 05:20AM

I have an app with over 500K+ downloads on play store. I use a notification listener service, which is available in the android framework, and tested on almost all major manufacturer devices.
The users drop a poor rating because these stupid OEMs aggressively kills the services in background (even though the service is extremely lightweight). I frequently receive soo many feedbacks mentioning that the app is not working on their phone, and when I ask them about the manufacturer, it is always the once mentioned below.

Even if you guide the users to enable to "OEM Specific" battery savers blacklist (Auto start, Battery saver, or whatever each of them call it), the problem remains the same. Even after blacklisting from oem specific battery savers, THE BACKGROUND SERVICES ARE KILLED ALMOST ALL THE TIME.

OEMs from Huawei, Honor, Xiaomi, Oppo, Vivo, Nokia, OnePlus and more are affected. No specific model or build or android version. All of them have their custom android skins/builds, and they have built it within their Roms to kill background tasks. You can see dontkillmyapp.com for more info and see for yourself the headache devs have to go through. Even performing the steps mentioned in this site, services are killed aggressively.

I request Google to please do something regarding this. Even though devs are not at fault, the users think that our app is at fault, and drop poor ratings.

Also, this is not expected from Android, that their own framework tools are not guaranteed to work across all the devices. It is a failure on part of Google.

I request Google to make changes in the test suite before granting a license to such OEMs devices.

The phones like Pixel, custom ROMS for other OEMs, dont have this problem. So it is not an issue with AOSP. It is something OEMs themselves have created in a evil attempt to boost their device performance, and shift the blame on app developers.

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in...@appyhapps.nl <in...@appyhapps.nl> #71 — May 5, 2020 05:52AM

App with +500.000 downloads, uses alarm scheduler to regularly synchronize data, and receives fcm data messages to process data in the background. With all recent Huawei phones of the last few years, the latest Samsung phones (S8 and later, Note 9 and later), OnePlus phones, Xiaomi phones, etc., there are some or all of the following problems with the default settings on the phone:
- autostart in the background not allowed
- alarm scheduler not working
- pausing background processing (using a foreground service with notification and partial wakelock enabled)
- fcm data message processing not working (maybe due to autostart issue, or just no background operation allowed)
My app synchronizes data with Samsung Health and I often see on Huawei devices that the Samsung Health service cant be started in the background neither. So I have to explain users to change the settings not only for my app, but also for Samsung Health.

Android is causing a bad experience for users when useful and legitimate apps that follow the Google recommendations and policies don't work by default, but only after changing phone settings that many users don't understand.

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mi...@gmail.com <mi...@gmail.com> #72 — May 5, 2020 06:01AM

In our case, we launch a bluetooth scan with a PendingIntent and expect to get results when the device we are looking for is nearby

Works flawlessly on Pixel devices.

On Huawei/OPPO/Some other brands, it works for a while, and then stops working.

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fa...@gmail.com <fa...@gmail.com> #73 — May 5, 2020 06:26AM

We use the AltBeacon library which works perfect on stock Android, but has issues on other manufacturers. If you filter the issues of the library by "platform" you see device specific issues and how to reproduce them (https://github.com/AltBeacon/android-beacon-library/labels/platform%20issue). They also include log entries.

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to...@gtempaccount.com <to...@gtempaccount.com> #74 — May 5, 2020 10:06AM

I for one can attest that this is becoming a serious pain point for developers. For weeks now my team and I have been trying to get background schedulers to work consistently on these devices! We are now on month 3 with no end in sight. We have tried the following Background APIs to perform work in the background and none of them work as the Android Documentation say they will. We followed all the guides and Android Developer Videos to make sure we are doing this right but to no avail. We also contacted other Android Development companies and they are in a similar situation.

1. WorkManager -Works for 1-3 days and stops
2. SyncAdapter -Works for 1-3 days and stops
3. Firebase Dispatcher - Works for 1-3 days and stops
4. JobScheduler - Works for 1-3 days and stops
5. Alarms & Broadcasts - Works for 1-3 days and stops
6. Firebase High Priority pushes - The messages do not get demotes because we only send 1 a day. They FirebaseMessagingService is never called?
7. Foreground Service - Gets terminated a few minutes after user exists the app

You name it! We have tried it! From our 3 months of testing it seems that these device manufacturer do the following to avoid compliance. When the app is newly installed, the background tasks will work for some hours to about 4 days. After that, the Custom Rom Devices will completely prevent any application component from running. This includes Broadcast Receivers, JobServices, Remote Pushes.

Note: Popular apps are exempt: Facebook, Instagram, Twitter, Spotify, Tinder and all the other tops.

In order to get Jobs working correctly, We have to explain to users that they must disable battery optimizations and other manufacturer battery saving features in order to provide them the best possible experience. This defeats the whole Battery Saving Initiative!

I for one support Doze Mode and App Standby buckets. What I don't support is Custom Rom Manufacturer who prevent any component in the app from launching so they can look good on battery saving marketing charts. Google pleasssseeee this is hurting so many developers. We cannot provide innovation or the best quality of service to users on the platform if we cannot even refresh our app at least once a day.

Many of the apps that use background services and depends on their consistency are LIFE SAVING Apps: Medical apps, fitness apps, location aware apps. This is no longer about saving battery. It's about saving lives.

What I would Recommend

All device manufacturers should not limit the JobService or WorkManagers service `androidx.work.impl.background.systemjob.SystemJobService` and its components. This should be applied to all devices still receiving security patches or older if possible.

Supporting Evidence

A list of violating devices can be found here: https://dontkillmyapp.com/
Slack: https://slack.com/help/articles/360001562747-Known-issues-with-Android-notifications
VLC: https://www.theverge.com/2018/7/25/17614014/vlc-blacklisting-recent-huawei-devices-negative-app-reviews
Flock: https://hackernoon.com/notifications-in-android-are-horribly-broken-b8dbec63f48a
Notification History Log: https://www.geekdashboard.com/stop-android-killing-apps-background/
Circuit App: https://www.circuit.com/unifyportalfaqdetail?category=151534&categoryName=&articleId=157362&structureId=11185
Avast: https://support.avast.com/en-eu/article/Prevent-stop-Android-app
bitbucket: https://bitbucket.org/copluk/acr/issues/607
https://alarmy-android.zendesk.com/hc/en-us/articles/360004239093-No-Ring-My-alarm-didn-t-ring
Other Resources:
https://www.tfzx.net/article/2875876.html
https://medium.com/mindorks/enable-background-services-in-chinese-coms-32e73dfba1a6

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an...@gmail.com <an...@gmail.com> #75 — May 6, 2020 10:25AM

Yes agree with you comment #74. I also more than one year trial various libraries from Google: WorkManager, SyncAdapter, Firebase Dispatcher, JobScheduler, Alarms & Broadcasts, Firebase High Priority. But no one success to keep my apps run in the background. My apps have 27 Million downloads.
I tested on Huawei -Android9 and Xiaomi-Android9 only able to run a maximum of 1 day, after that they will always kill my application without mercy.

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uw...@gmail.com <uw...@gmail.com> #76 — May 7, 2020 12:38PM

Comment #74 leaves me hopeless - I've just activated an update of my app that's going to use a foreground service. However, this is my last activity against this killing issue.

My app has 500,000+ installs, ~100,000 of them active. But I'm really tired of getting downvoted and blamed for issues that cannot be solved on my side. So if the foreground service solution does not help I'm going to withdraw my app from Google Play Store.

My personal device is an Android One device - if things work on this device I expect them to work on every Android device. And my app works perfectly well on this Android device, BTW it's a Chinese one ;-).

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en...@gmail.com <en...@gmail.com> #77 — May 7, 2020 01:10PM

I'm working on SDK that depend on background work too, AND I have tried every possible solution.

While I can see some app able to get it work like telegram,

Should we handle that with OS layer directly instead of using OEMs OS layer ? (Sort of)

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lb...@gmail.com <lb...@gmail.com> #78 — May 7, 2020 01:19PM

@77 The only thing developers can do safely is to have a support page telling users what's wrong and how they might be able to handle it.
You could encourage them to go there during the first screens of the app if you detect that their device is one of the problematic ones.

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co...@gmail.com <co...@gmail.com> #79 — May 8, 2020 04:41AM

#78 That is very difficult. Most users don't know how to dive into the Android settings. They also need to keep looking at the support page while using your app at the same time. Therefore they need a PC or another device. Otherwise they should be changing screens constantly, form your app to the support page, back to your app and so on... Too clumsy. Most users will not use that. They get tired too soon and blame your app. It is a shame that google doesn't take matters into his own hands.

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lb...@gmail.com <lb...@gmail.com> #80 — May 8, 2020 04:44AM

@79 You asked what you can do.
There is no official API for any of the made up stuff the OEMs have made, and they don't even have a website to go for for users.
It won't help blame others (and it's their fault). You want to handle it, so that's what's possible.

That's why we have this post, to tell Google to stop this behavior.
If there was no issue, we wouldn't have written about it.

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fe...@googlemail.com <fe...@googlemail.com> #81 — May 8, 2020 11:05AM

Guys, thank you so much for your effort.
App (70k active installs) in store, which serves as a emergency notification system.
We're fighting Huawei's (and other's) restrictions for years.
1* results, disappointed users, you name it.
I won't repeat what you stated.

Google must force OEM's to comply with vanilla Android energy management. While listing must make apps running without further action.

Ordinary people (not technically interested) do not know how to deep dive in the Android system to set the switches necessary for apps to work.

Please Google. Hear us!

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mr...@gmail.com <mr...@gmail.com> #82 — May 9, 2020 06:39AM

Google have allowed Android to go to sh** and they really don't seem to care how it affects the third party developers that made Android successful.

Googlers should be ashamed of what they have allowed Android to become. It's embarrassing.

https://dontkillmy.app

ja...@gmail.com <ja...@gmail.com> #83 — May 11, 2020 08:39AM

Author of MacroDroid here (task automation app with >3 million downloads). I make and support this complex and well used app in my spare time and I spend a significant percentage of that time having to defend the app from (mainly Huawei and Xiaomi) users and trying to direct them to configure their device so it won't kill background apps. Of course some users are not capable of doing this or just don't care (as the app doesn't work as far as they are concerned). This is not the user's fault, it's the vendors fault for doing this and ultimately Google's fault for allowing it to happen for so many years.

It's also drastically unfair as we all know some apps are whitelisted by the likes of Huawei so a new developer can never compete with an established player who has made it onto the whitelist.

The lack of any useful feedback from Google on such a fundamental issue that effects so many developers (and users) is hardly surprising but still beggars belief. Is anything being done to prevent this in the future, and if so what? Please give us something to hope for!

an...@gmail.com <an...@gmail.com> #84 — May 20, 2020 08:50AM

Google has no power over Chinese manufacturers. This issue created almost 2 years ago, until now no information, no power no power no power.

bs...@gmail.com <bs...@gmail.com> #85 — May 31, 2020 02:45PM

Optional

[Deleted User] -[Deleted User]> #86 — Jun 8, 2020 03:53AM

Any update on this team? This is issue really getting us mad. I never experienced this kind of issue (Not in this much even if it is there!) when worked with any other frameworks!

br...@gmail.com <br...@gmail.com> #87 — Jun 16, 2020 02:29PM

will this ever be fixed ? In need of a solution for this issue...

ci...@gmail.com <ci...@gmail.com> #88 — Jun 22, 2020 12:57AM

Seriously Google,

I know that if our personal privacy is not involved you don't care at all, but at least, ease us not to hate our day-to-day usage.

I'm a developer, so I think I can understand this thread, but I'm now talking as an user of a just-open mobile phone (Oukitel with Stock Android 9). It is a madness that I spent the full afternoon just configuring one-by-one all the apps because after a while .. just disappeared.

If I'm just "a developer that can understand this thread", let me suppose that you, working at Google, have a GIANT IDEA of what is going on with this, no? So, after 1.5 years do you think is still not enough to fix this? Of course you're developing lot of developable developments, but come on, this one is not that big developolishmentish no?

If you think I'm wrong, please me explain how "Google Discover" and all my stored behaviours are shown without my intervention since the beginning each millisecond, and Termux is closed no matter how I configure it? Termux is not the type of application you want us to have, no?

If I just want not to mess with the phone and, as a simple end-user, use it ... is not possible? I will be forced to root + rom it? Oh wait, a rooted phone cannot use Pay services ... damn Google, it seems like you putting a knife on our throats: Use a good system, or use common services like to pay with NFC ... but not both! Now let's talk about phone warranty if you play with it in any other way that the end-user case ...

Google, you already use and abuse our data, so please, at least, take our requests into any kind of minimal consideration

ma...@gmail.com <ma...@gmail.com> #89 — Jun 22, 2020 01:46AM

I think Google has two options here:

* Do not allow OEMs to equip their phones with their own custom "battery optimization" apps. Android has its own battery optimization that is well documented and works as expected (e.g. no GPS with turned-off screen unless there's a foreground location service).

* Add an API to Android that lets apps check whether they are being subject to custom "battery optimization" and allows users turn the setting on/off. OEMs will need to expose their settings to that API. That way my app can check whether it's being "optimized" and send the user to the appropriate screen (or show a dialog) where they can turn off optimization. Right now there's a dev-maintained list of phone models and intents that can be used to send the user to the appropriate setting screen where they can turn off battery optimization, but that's a terrible hack.

I'm working on a GPS tracking app and it's frustrating to get negative feedback from users every day because they cannot use our app properly unless they fix their OEM's settings. Worst of all, Redmi resets the setting every once in a while. And the cherry on top of all of that: very popular apps are exempt from optimization.

co...@gmail.com <co...@gmail.com> #90 — Jun 22, 2020 02:00PM

Google DOESN'T care!

fa...@gmail.com <fa...@gmail.com> #91 — Jun 25, 2020 07:46AM

With all the contact tracing apps around the world I'm wondering if they work on Chinese OEMs?

@Google: Are these Apps killed by the system or is the Google Play Service providing the Android Contact Tracing API excluded from getting killed? If so could Google Play Services just provide a dummy Service/API to keep our Apps also alive?

ma...@gmail.com <ma...@gmail.com> #92 — Jun 25, 2020 08:16AM

Germany's contact tracing App is beeing killed on Huawei p30 pro and a number of other phones

en...@gmail.com <en...@gmail.com> #93 — Jun 25, 2020 08:31AM

Comment #91

Looks like a solution

to...@gtempaccount.com <to...@gtempaccount.com> #94 — Jun 25, 2020 08:44AM

Yesterday I read a very interesting article about how this issue is largely affecting developers in Africa. Here is a link: https://medium.com/nala-money/the-bifurcation-of-android-6fa1cced074d.

Africa's smartphone market is saturated with custom android devices that do not work properly in the background because of manufacturers restrictions to save battery. How is Google going to bring and keep the next billion online if those devices do not work properly in the background.

What I would recommend Google to do as suggested by #91 is to have a way for Google Play Services to wake up the WorkManager Service/ Component. Developers would have to opt into this option in their manifest. It would work like the Firebase Messaging Service. As of now, this would be the only reliable solution for developers.

The long term fix would be for Google to provide a permeant fix. In the meantime, we will take any help we can get!

lb...@gmail.com <lb...@gmail.com> #95 — Jun 25, 2020 08:53AM

And now there is also an app to measure how badly your phone behaves in terms of breaking apps by closing them when they shouldn't:
https://www.androidpolice.com/2020/06/24/dontkillmyapp-is-a-new-benchmark-for-how-aggressively-your-phone-kills-background-apps/

co...@gmail.com <co...@gmail.com> #96 — Jun 25, 2020 11:59AM

Dont Kill My App in Play Store. It would be good to install and rate this great app:
https://play.google.com/store/apps/details?id=com.urbandroid.dontkillmyapp

lb...@gmail.com <lb...@gmail.com> #97 — Jun 25, 2020 12:26PM

@96 That's what I wrote just one comment above you ... :)

jo...@gmail.com <jo...@gmail.com> #98 — Jul 3, 2020 04:02AM

More than 80% of my company's user base use a Chinese manufactured device (Xiaomi, Oppo, Vivo) and this has been a very big problem for us even today. There is no workaround solution that will work for this issue. The question is not about what workaround can get this to work, but why isn't Google stepping in to handle this?

From what I've experienced, these Chinese OEMs have now started to monetize over this problem. In order to get your app whitelisted, one needs to shell out millions($). This is ridiculous and it's high time Google intervenes.

I think companies and devs out there wouldn't mind paying a few extra bucks to get Cloud Messaging under a paid plan, but also ensures that these OEM issues are taken care of. I mean, I'd rather pay Google and have an SLA for reliable and guaranteed services than paying Chinese OEMs. One of the reasons why I think Cloud Messaging is still free is because it cannot offer a 100% delivery rate and it's mainly because of these OEM modifications.

One other thing is that these OEMs are now also coming up with their own push messaging services. Xiaomi for instance offers a "Mi Push services" (free and paid) which is not just a pain to register and integrate, but also cannot be trusted for privacy, service reliability and customer support.

The only option that we are currently left with is to ask our users to manually whitelist our app from being battery optimized from System Settings, which is a painful experience for an end user especially who does not understand technology as much.

pe...@gmail.com <pe...@gmail.com> #99 — Jul 3, 2020 06:50AM

@#83 I understand your problem. My Infinix phone kept on killing Macrodroid. It was an annoying experience. I had to go through a lot of settings to make it work. I do understand Transsion's reason for the severe battery optimization. After all, I live in a country that has very frequent power outages. I even have two 15000mah powerbanks because of it. I wish you goodluck.

pe...@gmail.com <pe...@gmail.com> #100 — Jul 3, 2020 06:53AM

But I do agree that all apps should have the same default permissions and optimizations.
Just commenting for the sake of the 100th comment on this issue.

ja...@gmail.com <ja...@gmail.com> #101 — Jul 3, 2020 10:35AM

@#99 as the author of MacroDroid, this issue is an enormous issue for me and causes a large number of support requests and a large percentage of my 1 star reviews. Unfortunately many users are not capable of understanding the issue or how they must configure their device. I don't blame them and have sympathy for them as why should they have to do this just to make an app work. I follow this issue with great interest but it's very sad to see no responses from Google and no prospect of this being improved. This issue undoubtedly breaks many great and innovative apps and I wonder how many developers/startups throw in the towel when they realize their amazing idea just does not fundamentally work out of the box on a large number of popular devices.

pu...@gmail.com <pu...@gmail.com> #102 — Jul 3, 2020 10:40AM

As the author of an app that streams media (audio, video) to playback devices with Android device's creen off and possibly for a long time, I can attest that this issue is the #1 reason for support requests, and a cause for support nightmare and bad ratings... It's sad that some manufacturers are breaking Android to this level.

lb...@gmail.com <lb...@gmail.com> #103 — Jul 3, 2020 11:28AM

Guys it's time to vote on reddit, where Google is supposed to answer about this.
Someone (not me) wrote about this here:
https://www.reddit.com/r/androiddev/comments/hk3hrp/were_on_the_android_engineering_team_ask_us/jwggjns/

Please consider starring this question about this matter. I hope Google will answer there.

ap...@gmail.com <ap...@gmail.com> #104 — Jul 3, 2020 02:43PM

Thanks for the link #103
Voted and added a comment

en...@gmail.com <en...@gmail.com> #105 — Jul 3, 2020 03:07PM

I reported this earlier this year too and still no response.

https://issuetracker.google.com/issues/148171173

di...@gmail.com <di...@gmail.com> #106 — Jul 3, 2020 03:22PM

I don't know if it's specifically related to Chinese OEMs, but I often have issues with non-Google devices killing my app in the background even when a foreground service is running, and the mic is in use (i.e. the user clearly wants the app to not be killed!) It would be really great if this could be covered by CTS.

ra...@gmail.com <ra...@gmail.com> #107 — Jul 12, 2020 01:11PM

Any updates ?
Or Still Sleeping ?

da...@hotmail.com <da...@hotmail.com> #108 — Jul 12, 2020 01:30PM

There's an official reply about this issue here https://www.reddit.com/r/androiddev/comments/hk3hrp/comment/fxn9y4l

lb...@gmail.com <lb...@gmail.com> #109 — Jul 12, 2020 02:24PM

@108 Do you think it's enough though?

They don't talk about various made up stuff by the OEMs.
For example, this is a clear violation of the docs:
https://issuetracker.google.com/issues/150627645
Not quite related to battery optimization.

I've also found various official intents that OEMs cause a crash if you try to use them.
Those should all be in CTS rules.

Google should not have let OEMs such freedom for messing around with how Android works.
It makes the documentation useless. The documentation isn't reliable at all.

And it's not like in the past that those OEMs weren't even popular. They became very popular...

ka...@gmail.com <ka...@gmail.com> #110 — Jul 12, 2020 03:29PM

I'm getting reports for Xiaomi Android 10 users that if the user chooses "Allow while the app is in use" instead of "Allow always", then foreground services that need location access don't get location updates when the screen is off even if android:foregroundServiceType="location" is included in my AndroidManifest.xml.

lb...@gmail.com <lb...@gmail.com> #111 — Jul 12, 2020 03:56PM

@110 I suggest to also write as a new report here.
Google might not notice a comment out of the hundreds here.

di...@gmail.com <di...@gmail.com> #112 — Jul 16, 2020 06:22AM

OEMs need to be stopped for breaking the core functionality of android.

cc...@google.com <cc...@google.com> — Jul 21, 2020 01:57PM

Accepted by cc...@google.com.

ub...@googlemail.com <ub...@googlemail.com> #113 — Jul 29, 2020 09:25AM

And finally this crappy situation breaks the core functionality of corona tracking apps: Warning people while the app is in background.

ap...@gmail.com <ap...@gmail.com> #114 — Jul 29, 2020 03:03PM

To be honest, let alone the possible consequences (people not being warned) I'm still glad that's the case as it caused the issue to gain more popularity.

In Germany it's been in many newspapers. (Maybe all?)

Manufacturers must feel the rising pressure and adapt Google's Android 11 guidelines.

This nightmare must end...
We developers deserve better.

tz...@gmail.com <tz...@gmail.com> #115 — Aug 3, 2020 05:11AM

Google's customer support (lack of such) is a big part of this thing. Users have nowhere to complain with such problems. I even have a problem finding issuetracker, which doesn't show up in google searches.
The existence and popularity of this site: https://dontkillmyapp.com/ shows how bad things are with Google communicating with developers.

I had to disable some of device models, because of bad reviews. But then I started to receive emails from users who paid for my app and managed to get over these manufacturer restrictions:
- I paid for the app, why can't I download it.
- Well, I disabled your phone, because of bad reviews, and I don't have an option in Play Console to let users who already paid for the app download it.
- I want a refund and after that, I am going over every app you've made which I can download and will leave a bad review there!
True story.

lb...@gmail.com <lb...@gmail.com> #151 — Apr 10, 2021 06:30AM

Is there any hope on Android 12? Any new tests that will prevent such violations and others?

It seems even on Samsung devices with Android 11, foreground services can be targeted:
https://github.com/urbandroid-team/dont-kill-my-app/issues/397

---

mu...@gmail.com <mu...@gmail.com> #152 — Apr 11, 2021 08:12AM

Sistem güncelleme hata veriyor

---

td...@gmail.com <td...@gmail.com> #153 — Apr 12, 2021 02:20AM

Echoing this as well after reading the thread of news.ycomb . The gist of it for us is that only about 80-85% of FCM high-pri notifications get delivered, because it seems that several devices (Samsung, OnePlus, Asus, many Chinese devices) simply kill our app if it hasn't been used for a few hours and don't even let any of the notifications through. This is a serious reliability problem if you have any kind of in-app messaging system, especially if some of these messages are time-sensitive or important.

Meanwhile famous apps like FB, Whatsapp, etc. seem to be whitelisted by default.

This reliability problem means that most of users are quick to move all their conversations to one of the famous platforms, which has heavily impacted our user retention on the app. "The messaging on this app is unreliable let's switch to famous_app". Users will often leave bad reviews, abandon the app and say things like "my other apps are working just fine why can't you guys notify me correctly".

It would be good for Google to better enforce FCM functionality on these OEMs, or at least provide some kind of notification to the users that their notifications aren't being delivered and a way to manually toggle it. We have tried doing it ourselves for a bunch of devices but it seems like a pain point a lot of people are facing at the moment.

To make things worse, it looks like some of these manufacturers are now rolling out their own "more reliable" notifications SDK. However, many of these non-FCM servers are in countries with significantly different privacy policies, which makes them non-starters.

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la...@gmail.com <la...@gmail.com> #154 — Apr 16, 2021 11:05AM

It is really ridiculous that this 1st still a major issue many years later after it got introduced. The whole AlarmManager odyssey is a disaster from so many sides. Introducing a new API every Android version is just bad API design. Not being able to make OEMs conform with the intended API usage is catastrophic. This really showcases the worst possible outcome to an API, period.

When I moved our mobile app development to Android and iOS nearly 10 years ago, I disliked iOS for being so restrictive about how it handled local notifications. Now, I love it. Not because it less restrictive, but just because it actually works consistently.

What is so difficult about introducing a permission that has to be confirmed by users (and that the app can prompt the user with as with other permissions), if this odyssey is about power management? If the user confirms the usage, than there should be no battery restrictions applied at all. Make it part of all android development/usage contracts to conform with the behavior, resulting in lawsuits against OEMs and device banning from all google services, if being violated.

Pretty simple to implement, to use and also very effective.

---

lb...@gmail.com <lb...@gmail.com> #155 — Jun 8, 2021 07:12AM

According to talks with another developer, apps can kill even accessibility service. Said it happens on Xiaomi and OnePlus, that all you need to do is to remove the app from the recent tasks...

This is just terrible...

---

tz...@gmail.com <tz...@gmail.com> #156 — Jun 8, 2021 04:45PM

Does anyone on Google give a damn about this topic anymore?!

---

ad...@google.com <ad...@google.com> #157 — Jun 10, 2021 12:33PM

Regarding comment #155 : To investigate it further, please fill and submit this ooform

---

lb...@gmail.com <lb...@gmail.com> #158 — Jun 10, 2021 01:50PM

@157 OK I told him.

---

an...@gmail.com <an...@gmail.com> #159 — Jun 11, 2021 11:16AM

https://www.xda-developers.com/google-developer-feedback-oem-software-affection-android-apps
Requesting everyone to fill this...

---

di...@gmail.com <di...@gmail.com> #160 — Jun 11, 2021 11:25AM

I don't know if it's specifically related to Chinese OEMs, but I often have issues with non-Google devices killing my app in the background even when a foreground service is running, and the mic is in use (i.e. the user clearly wants the app to not be killed!) It would be really great if this could be covered by CTS.

Thanks, I filled out the form as this still happens often. We've noticed significant quality problems on many non-AOSP devices with the microphone disconnecting or the app being force-closed after 30 minutes or other various timeframes. This does not happen commonly with Pixel devices (though I have noticed some mic-silence issues on those as well).

---

lb...@gmail.com <lb...@gmail.com> #161 — Jun 11, 2021 11:26AM

@159 Hey it's originated from what I wrote !
Didn't expect it to reach XDA.
How cool
:)
Hopefully this will eventually mean that we won't need the website of https://dontkillmyapp.com/ ...

---

st...@drivequant.com <st...@drivequant.com> #162 — Jun 28, 2021 09:43AM

I can confirm that many manufacturers (Xiaomi, Huawei, Oppo, Samsung, etc.) break apps running in background by killing foreground services.
Furthermore, Xiaomi also automatically declined REQUEST_IGNORE_BATTERY_OPTIMIZATIONS. Here is an example :

```
    if (Build.VERSION.SDK_INT >= Build.VERSION_CODES.M) {
        try {
            val intent = Intent()
            val packageName = activity.packageName
            intent.action = Settings.ACTION_REQUEST_IGNORE_BATTERY_OPTIMIZATIONS
            intent.data = Uri.parse("package:$packageName")
            activity.startActivityForResult(intent, REQUEST_BATTERY_OPTIMIZATION)
        } catch (e: ActivityNotFoundException) {
            // Catch crashes on some Samsung devices
        }
    }
}

[...]

override fun onActivityResult(requestCode: Int, resultCode: Int, data: Intent?) {
    super.onActivityResult(requestCode, resultCode, data)
    // UI System nevers prompts, resultCode is always 0 (equals cancelled user action)
}
```

---

mi...@gmail.com <mi...@gmail.com> #163 — Jun 30, 2021 06:43AM

Comment has been deleted.
Message last modified on Jun 30, 2021 07:00AM

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lb...@gmail.com <lb...@gmail.com> #164 — Jul 13, 2021 03:25AM

Found another example that OEMs could break behavior:
Fatal Exception: java.lang.RuntimeException: Unable to start receiver ...: java.lang.SecurityException: Not allowed to start service Intent { cmp=... (has extras) } without permission Background bind not allowed

Here is one place that has complained about it:
https://github.com/invertase/react-native-firebase/issues/4669

---

se...@gmail.com <se...@gmail.com> #165 — Jul 13, 2021 03:53PM

y

---

na...@gmail.com <na...@gmail.com> #166 — Jul 19, 2021 07:46AM

Think everybody creates issues emotions just make sure the milliseconds up on the main HTTP session settings or within six milliseconds processor speed and then they keep adjusting battery output too it's finally the battery is too Short circuit a couple more the system settings for memory processing and condensing

---

sv...@gmail.com <sv...@gmail.com> #167 — Aug 1, 2021 01:32AM

Redmi 3s phone navigation back button s are not working properly what is solution

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hu...@gmail.com <hu...@gmail.com> #168 — Aug 11, 2021 08:49AM

Gggg

---

ab...@gmail.com <ab...@gmail.com> #169 — Aug 12, 2021 11:34PM

access

---

be...@gmail.com <be...@gmail.com> #170 — Aug 16, 2021 03:24PM

Don't buy chinese phones. Shitty quality, and they send all ya fucking data to the chinese government.

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ze...@gmail.com <ze...@gmail.com> #171 — Aug 31, 2021 11:00AM

Please allow lol

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ha...@gmail.com <ha...@gmail.com> #172 — Sep 19, 2021 11:24AM

Chang volume style

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di...@gmail.com <di...@gmail.com> #173 — Sep 21, 2021 10:52AM

I can confirm that Xiaomi devices in particular will silently remove and terminate an app that has started a foreground service as a result of a widget interaction. That completely breaks the app and goes against Android's guarantees...

---

de...@gmail.com <de...@gmail.com> #174 — Sep 24, 2021 04:40AM

Ffgfddgg

---

ti...@gmail.com <ti...@gmail.com> #175 — Sep 28, 2021 08:38PM

Hello

---

ks...@gmail.com <ks...@gmail.com> #176 — Oct 5, 2021 02:59AM

Mmmm

---

ro...@posteo.net <ro...@posteo.net> #177 — Oct 5, 2021 07:31AM

I suggest that developers of affected apps add a warning to the app description (visible before purchase) explaining that "This app does not work correctly on Xiaomi phones since Xiaomi violates Android compliance."

Additionally, could apps detect whether they are running on a Xiaomi device and give a corresponding warning message at startup?

---

gr...@kochaniak.com <gr...@kochaniak.com> #178 — Oct 5, 2021 07:51AM

It's not only Xiaomi - almost all phone or tablet models have this problem, including the giant Samsung.

---

di...@gmail.com <di...@gmail.com> #179 — Oct 5, 2021 09:04AM

Adding a warning like that would only hurt app developers -- whenever anything goes wrong with an app, regardless of if it's the device's fault or not, users will blame the app first. Whenever there's issues I do send users to https://dontkillmyapp.com via support channels.

---

kp...@gmail.com <kp...@gmail.com> #180 — Oct 19, 2021 11:50AM

Comment has been deleted.
Message last modified on Oct 19, 2021 11:51AM

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to...@gmail.com <to...@gmail.com> #181 — Oct 19, 2021 05:53PM

https://dontkillmyapp.com is also not the solution. It is not too often updated, tutorials there are complicated and most often suggest doing unnecessary steps. Most time is not necessary to keep the app running in the background for example. For most of us, the case is complete enough when my alarms and the scheduled jobs will not be deleted. And I think the Samsung way is almost an example of the way how it should work. They told me via a notification that I have an unused app and that they will put them to sleep. But we need transparent API across all brands that will allow us to check that this happened to our app and allow directly ask for permission to exclude our app from this with an explanation to the user. Not is hard to detect, hard to exclude. Would be great to also directly see in the launcher that app is sleeping (like grayscale colors) and allows to exclude it by long press on it.

---

tz...@gmail.com <tz...@gmail.com> #182 — Oct 20, 2021 06:20AM

"They told me via a notification that I have an unused app and that they will put them to sleep" - this has nothing to do with the topic. Samsung kills even foreground services without any notifications.

---

du...@gmail.com <du...@gmail.com> #183 — Nov 1, 2021 02:57PM

gotw

---

ks...@gmail.com <ks...@gmail.com> #184 — Nov 7, 2021 05:59PM

Mi problem

---

ks...@gmail.com <ks...@gmail.com> #185 — Nov 8, 2021 02:44PM

Please, PLEASE pressure OEMs to comply! Certifying abusers adds to the snowballing of Devs who will give up on Android, which accelerates the trend of the ultimate death of Android!

---

bo...@gmail.com <bo...@gmail.com> #186 — Nov 30, 2021 04:46PM

Welcome

---

bo...@gmail.com <bo...@gmail.com> #187 — Dec 7, 2021 01:21PM

I need this too. We need to band together and make china more respectful to the rest of the world !

---

gr...@kochaniak.com <gr...@kochaniak.com> #188

severity: S3
blocked by: 122246986, 191146997, 191148995, 193900967
duplicate issue: 123653024, 148005702, 151898476, 161008180, 161008181, 161096877
hotlist: [AOSP] assigned, adexe s rau
retention: Component default
ReportedBy: Developer

Generated by Google IssueTracker notification system

You're receiving this email because you are subscribed to updates on Google IssueTracker issue 122098785.
Unsubscribe from this issue.

---

ko...@gmail.com <ko...@gmail.com> #221 — May 4, 2022 07:06AM

Teşekkür ederim güzel bir uygulama Tebrikler çok güzel memnunum

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ko...@gmail.com <ko...@gmail.com> #222 — May 4, 2022 07:26AM

Teşekkür ederim güzel bir uygulama Tebrikler çok memnunum tavsiye ederim

📄 FB_IMG_37402100561219885553.jpg 🔒 Restricted
158 KB   View   Download ⓘ

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ko...@gmail.com <ko...@gmail.com> #223 — May 4, 2022 09:45AM

Teşekkür ederim ilgilenmiyorum

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mu...@gmail.com <mu...@gmail.com> #224 — May 5, 2022 05:52AM

Hi
On Wed, 4 May 2022, 6:45 pm , <buganizer-system@google.com> wrote:
- Show quoted text -

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by...@gmail.com <by...@gmail.com> #225 — May 14, 2022 12:52AM

ср, 4 мая 2022 г., 15:06 <buganizer-system@google.com>:
- Show quoted text -

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ro...@gmail.com <ro...@gmail.com> #226 — May 14, 2022 08:03PM

Deleted

---

ch...@gmail.com <ch...@gmail.com> #227 — May 16, 2022 07:09AM

Sad. it is already 2022 and there's still no progress

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da...@gmail.com <da...@gmail.com> #228 — May 16, 2022 09:12AM

There is progress. It's just slower than you would like.
Google just announced at Google IO 2022 that Android 13 will have new features for restricting background usage to take what OEMs have been doing and take it into the platform.
https://developer.android.com/about/versions/13/changes/battery
There's even an unrestricted mode for apps that user can select, but it's their choice if they do. They have control and they have tools to check how much battery has been used.
This isn't something google can fix quickly. It's the OEMs fault and they did a lot starting from jobs scheduler, than work manager and now this.
Please stop complaining if you don't have anything useful to add, everyone gets notifications when you do.
Instead start to read documentation on how to write apps for background usage.

---

lb...@gmail.com <lb...@gmail.com> #229 — May 16, 2022 11:20AM

@228 Which restrictions of OEMs would this solve?
There are just many made-up behaviors that break what's on Android from OEMs.
I know of Xiaomi, and even there it's too much. I'm sure there are many of other companies.
Here's what I've found so far for Xiaomi:

1. Auto-start:
https://issuetracker.google.com/issues/122098785#comment12
2. show a pop-up in the background:
https://issuetracker.google.com/issues/122098785#comment58
3. Default CallerID doesn't get to have SAW permission:
https://issuetracker.google.com/issues/122098785#comment212

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la...@gmail.com <la...@gmail.com> #230 — Jun 6, 2022 12:44PM

lanparlan71@gmail.com

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lb...@gmail.com <lb...@gmail.com> #231 — Jun 25, 2022 07:54PM

Google now offers some new CTS tests, that developers can create :
https://www.androidcentral.com/apps-software/google-android-app-developer-compatibility-tests
I hope these tests will include all the weird issues we all have faced.
My list is all of Xiaomi, as it's the only one that I've managed to notice.
https://issuetracker.google.com/issues/122098785#comment229
I'm sure there are plenty of weird breaking of the rules on Android (by default), and killing of things that shouldn't be killed.

---

lb...@gmail.com <lb...@gmail.com> #232 — Jun 25, 2022 08:05PM

I suggest that each one you guys create, you should publish it here so that others can star and contribute to it.

---

te...@gmail.com <te...@gmail.com> #233 — Jun 27, 2022 03:00AM

Regarding the article about CTS-D, there's a small detail in there: "Google also advises OEMs to utilize CTS-D to identify and reduce issues more quickly, although it's not a requirement that they pass these tests." I'm really skeptical that at least one troublesome manufacturer is going to utilize CTS-D.

---

lb...@gmail.com <lb...@gmail.com> #234 — Jun 27, 2022 03:09AM

@233 I also wish we weren't the ones in charge of implementing this. Should be enough that we find the issues and propose how to test them, but implement them for Google to fix their own issues...
Still, it's better than nothing.
If anyone here finds the time and effort to make it, please submit and share links...
There are plenty of issues that developers have found of OEMs breaking behavior. Not always related to killing apps, even.

---

lb...@gmail.com <lb...@gmail.com> #235 — Jul 13, 2022 12:16AM

A tiny step to help against behavior breaking of OEMs, this time in the form of CTS-D (recommended to follow, but not a must) related to foreground services starting and staying:
https://www.reddit.com/r/androiddev/comments/vodrpih/a_hanneston_cts_tests_for_bad_app_killing/

Some notes about this:
1. Sadly foreground services are just one of many issues
2. I don't know if this test covers various kinds of foreground processes (NotificationListenerService, AccessibilityService,...) or just a normal foreground service. Probably just the normal one.
3. I don't know for how long the test works. Maybe an hour would be enough? For example, apps that encodes video files could reach such a long duration. Even longer. And they perform much more than increasing a counter...
4. Sadly according to what was written, this doesn't force OEMs to pass this test.
5. I hope there will be "hall of shame" for OEMs (or devices) that don't pass such tests. Maybe will be added to the dontkillmyapp website.

---

sw...@gmail.com <sw...@gmail.com> #236 — Jul 21, 2022 10:38PM

Is not work properly

👤 **[Deleted User]** <[Deleted User]> #237 — Aug 4, 2022 02:56PM

مودی محمد

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ph...@gmail.com <ph...@gmail.com> #238 — Aug 9, 2022 10:51AM

From issue 123653024 on 8/9/2022:

From issue 122098785 on 12/28/2018:

Which app are you using? Please share its Play Store link. Also mention the steps to be followed for reproducing the issue with the given app.
Can you share a bug report, after reproducing the issue ?
Frequency How frequently does this issue occur? (e.g 100% of the time, 10% of the time)
Android bug report After reproducing the issue, press the volume up, volume down, and power button simultaneously. This will capture a bug report on your device in the "bug reports" directory. Attach the bug report file to this issue.
Alternate method: After reproducing the issue, navigate to developer settings, ensure 'USB debugging' is enabled, then enable 'Bug report shortcut'. To take bug report, hold the power button and select the 'Take bug report' option.
NOTE: Please upload the files to Google Drive and share the folder to android-bugreport@google.com, then share the link here.

---

lb...@gmail.com <lb...@gmail.com> #239 — Aug 10, 2022 11:20AM

@238 For some reason you wrote it on the wrong place. The answer is here:
https://issuetracker.google.com/issues/123653024#comment37

---

tt...@gmail.com <tt...@gmail.com> #240 — Aug 10, 2022 11:26AM

Та full и. 9 я.м. 2022 21:52 ч. <buganizer-system@google.com> สือเวา:
- Show quoted text -

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mh...@gmail.com <mh...@gmail.com> #241 — Aug 15, 2022 04:32AM

When using background services to launch a service app (i.e. an entirely another app process than your own) with bindService() method, it fails and the method returns false no matter what you change your code to, this Android framework feature is completely and entirely blocked on this garbage phone from Chinese Hong Kong manufacturer named Transsion Holdings that owns another garbage mobile company named Infinix Mobile.

Brand: Infinix Mobile
Device Name: Infinix NOTE 11
Model: Infinix X663B
Android OS: 11 (their AOSP fork is named "XOS", version V10.0.0)

THE ENTIRETY OF BOUND SERVICES IN THIS CRAPPY PHONE DON'T WORK NO MATTER WHAT YOU CHANGE YOUR PHONE'S BATTERY OPTIMIZATION/BACKGROUND PROCESS LIMIT(WHY IS THIS SETTING EVEN A THING?) SETTINGS TO.

If Google's goal is to make Android developers consider switching to iOS then it's working.

---

ch...@gmail.com <ch...@gmail.com> #242 — Aug 19, 2022 07:14AM

wow, can't believe until now there is still no solution for this.

---

am...@gmail.com <am...@gmail.com> #243 — Aug 25, 2022 08:28AM

I know , that is why Huawei banned change main android Linux kernel   core and they have not enough security actually than we thought , my Samsung phone hit the bug as lagging before , stupid chinese system, we need to kill or block access to main core system android , fix bug, but not , it is just fix the hotfix and service pack done, for me chinese security provider also stupid as they want to control but trojan inside have it .Thanks to other security provider as same ranking.

---

an...@gmail.com <an...@gmail.com> #244 — Sep 10, 2022 01:55PM

Коллеги, я вижу много приложений, которые обошли убийства. К примеру: https://github.com/DrKLO/Telegram или https://github.com/yuriykulikov/AlarmClock. Жаль, что моих навыка еще не достаточно, понять, как можно подобное обходить. Поэтому прошу помощи составить какой-то мануал. Ведь проблема уже давно и многие смогли решать ее.

Colleagues, I see many applications that have bypassed the murders. For example: https://github.com/DrKLO/Telegram or https://github.com/yuriykulikov/AlarmClock. It is a pity that my qualifications are still not enough to understand how one could get around. Therefore, I ask for some kind of manual. After all, the problem has been around for a long time and many have found a solution to it.

---

rk...@gmail.com <rk...@gmail.com> #245 — Sep 26, 2022 06:43AM

Why don't you guys not developing an battery saver as a part of android OS? Why this chinese OEM's ruining android's OS behavior.
Please take steps on it lot of people are affected with this problem this needs to be prioritized

---

rk...@gmail.com <rk...@gmail.com> #246 — Sep 28, 2022 05:49AM

Even work managers are also affected with this problem.
https://issuetracker.google.com/issues/113676489

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bi...@mail.de <bi...@mail.de> #247 — Sep 28, 2022 03:01PM

Why don't you guys not developing an battery saver as a part of android OS? GM#245

They already do. It's there.
Manual settings for user + permission model for the devs. Still kinda managable and both will know when they screwed up (either by restricting the app to much or forgetting to update to the latest permission model for (background-) services)
But OEMs be like: nah, we'll build our own, we can do better. We think the user doesn't know how to use it, so we'll force it onto them and use the stricter battery saving possible (oh that breaks apps? When they notice broken apps, they'll just blame the app dev. YAY)
Same with other things yet to be discovered.

---

lb...@gmail.com <lb...@gmail.com> #248 — Sep 28, 2022 03:32PM

@247 Indeed. That's the problem with Google adding more restrictions to the platform : Other OEMs don't have restraint about it, so they add their own non-official rules.
Instead of restrictions to the platform, Google should add restrictions to OEMs.

---

sa...@gmail.com <sa...@gmail.com> #249 — Sep 29, 2022 11:38AM

My aap is not opening..plz fix this!!!

---

ab...@gmail.com <ab...@gmail.com> #250 — Oct 30, 2022 10:39AM

أريد استعادة المبلغ المسحوب لأجل الاشتراك

ar...@gmail.com <ar...@gmail.com>   Nov 18, 2022 08:55PM

📄 **851561_145331054489025S_460181509_n.pdf**   🔒 Restricted
   107 KB   View   Download ⓘ

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il...@gmail.com <il...@gmail.com> #251   Dec 16, 2022 10:00AM   ⋮

Apart from all the issues mentioned above today I also finally found the reason for that our app sometimes just stops collecting data. It appears that unless the proprietary Autostart is enabled on Xiaomi phones, the JobScheduler will be killed if the app updates due to a new release.

I have only ran some basic tests and only on Xiaomi devices (not Oppo, Vivo etc yet) but this is a terrible scenario. Our app which is used in the health space collects some basic data using JobScheduler a couple of times per day. It does not consume any detectable battery when running on a Pixel phone and there it works 100% ok.

Our app is not a high-frequency use app so it might be days or even a couple of weeks between App usages by the user and if an update takes place during this time, all data between the update and the next time the user opens the app is completely lost because JobScheduler is killed by the update.

I suggested a CTS-D for this scenario but I have little hope it will change things.

---

he...@gmail.com <he...@gmail.com> #252   Dec 16, 2022 05:40PM   ⋮

www.facebook.com
On Aug 10, 2022 18:26, <buganizer-system@google.com> wrote:

- Show quoted text -

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he...@gmail.com <he...@gmail.com> #253   Dec 20, 2022 05:16AM   ⋮

(ZC500TG)
On Dec 17, 2022 01:40, "Henok Heni" <henokheni715@gmail.com> wrote:

- Show quoted text -

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is...@gmail.com <is...@gmail.com> #254   Jan 25, 2023 06:31PM   ⋮

Isadora

---

ma...@gmail.com <ma...@gmail.com> #255   Feb 5, 2023 08:43AM   ⋮

Task killer