

GADGET HACKS

ANDROID

WONDERHOWTO GADGET HACKS NEXT REALITY INVISIVERSE DRIVERLESS NULL BYTE



ANDROID BASICS GLOSSARY OF TERMS GALAXY S8 INFO HTC 11 RUMORS EVERYTHING PIXEL

[FOLLOW US](#)



A screenshot of a smartphone screen showing a "HOW TO" article from Gadget Hacks. The article title is "Fix Play Services Battery Drain by Forcing It to Use Doze Mode". The text discusses the issue of Google Play Services being a battery-sucking app and how it's set to "Not Optimized" by default. It mentions a developer named Otniel Yoreiza who created a Magisk module to enable Battery Optimization for Play Services. The phone's status bar shows a battery level of 20%.

Fix Play Services Battery Drain by Forcing It to Use Doze Mode

BY DALLAS THOMAS 05/24/2017 8:22 AM

Google Play Services has been near the top of every Android user's list of battery-sucking apps for years now. It's a core system app, so you'd expect *some* battery drain, but for many folks, it runs rampant.

This is partly due to the fact that Google has exempted Play Services from Android's biggest battery-saving feature, [Doze Mode](#). Unlike virtually every other app, Play Services is permanently set to "Not Optimized" by default in the Battery Optimization menu, and until now, there's been nothing you could do about it.

THE SEEDS OF
THE MOBILE REVOLUTION WERE
PLANTED HERE IN SAN DIEGO.
[LEARN MORE](#)
QUALCOMM

Thankfully, developer [Otniel Yoreiza](#) has [created a new Magisk module](#) that lets you enable Battery Optimization for Play Services, which will cause the battery-sucking app to enter a sort of deep sleep state when your phone goes into Doze Mode. The potential for battery savings is huge, so I'll show you how it works below.

Don't Miss: [6 Easy Ways to Increase Battery Life on Your Android Device](#)

Requirements

- rooted Android device
- Magisk installed
- Android Marshmallow or higher
- phone or tablet that supports Doze Mode

A Note About Push Notifications

Google Play Services is set to "Not Optimized" by default because it provides some

• HOT • LATEST



HOW TO ROOT ANDROID

Our Always-Updated Rooting Guide for Any Phone or Tablet



core functionality that you may not want to lose when your phone enters Doze Mode. Most notably, [GCM Push](#), the service many apps use for notifications, is bundled in with Google Play Services.

This means that if you use this mod to enable Battery Optimization (and thus, Doze) for Google Play Services, you may not receive prompt notifications from certain apps in certain circumstances. When your phone enters Doze Mode to preserve battery life while the screen is off, apps like Gmail and Hangouts may take longer than normal to notify you of new messages.

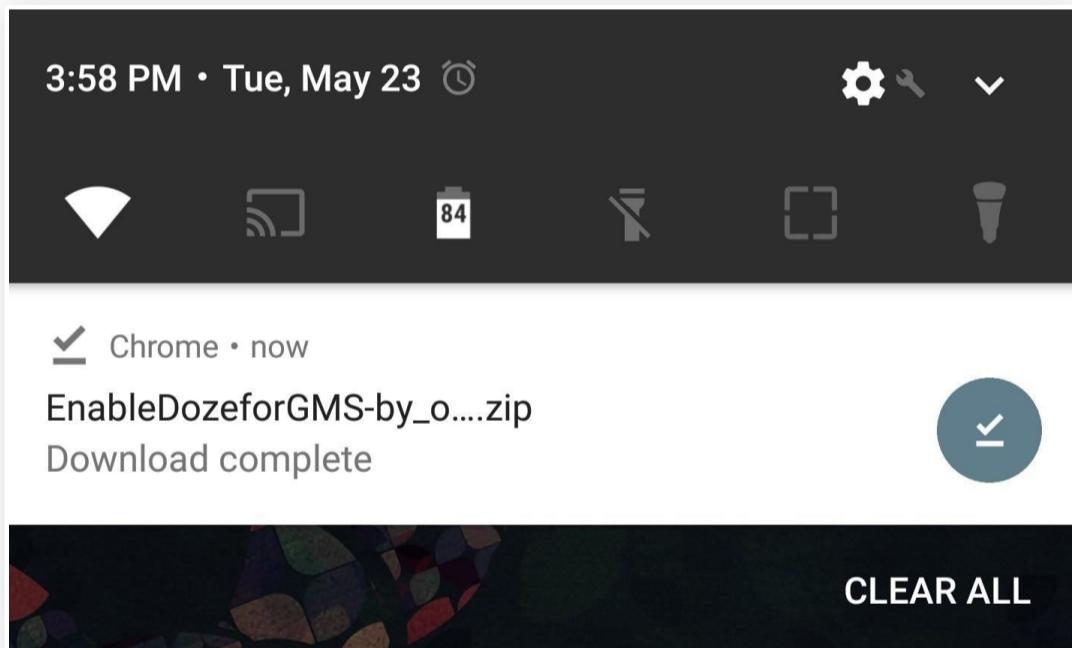
This shouldn't have any effect on alarms or incoming calls, nor should it cause delays with apps that use their own push notification systems (like WhatsApp, Telegram, and SMS apps, to name a few). Nonetheless, you should be aware of this fact up front in case you experience notification delays after applying this mod.



Step 1 Download the Module

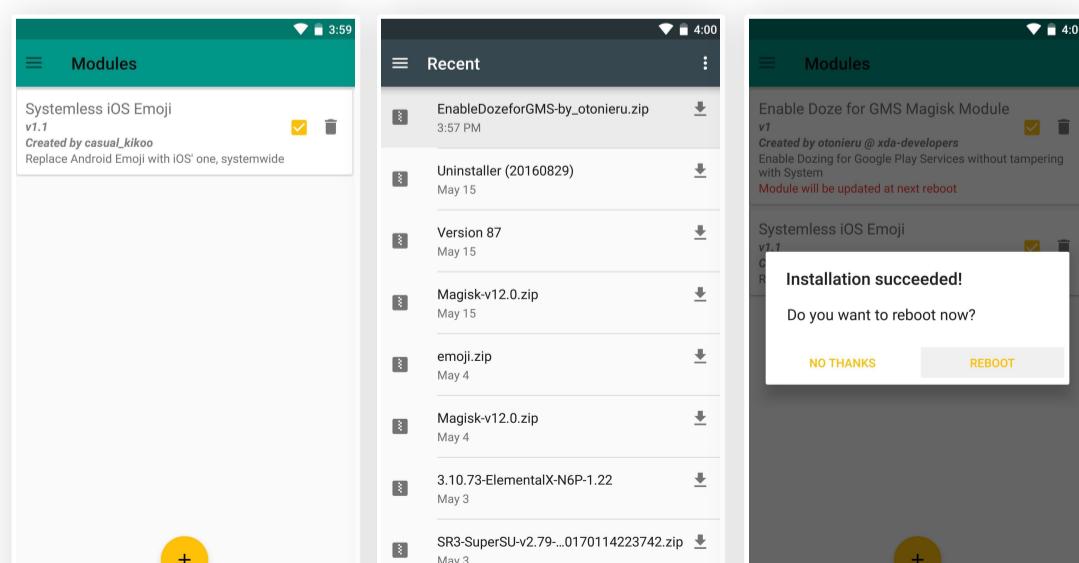
Yoreiza's module isn't available on the Magisk repo, which means you'll need to download it separately. So to start, tap the following link from your Android device to grab the module, which is called *EnableDozeforGMS*.

- Download the *EnableDozeforGMS* Magisk module (.zip)

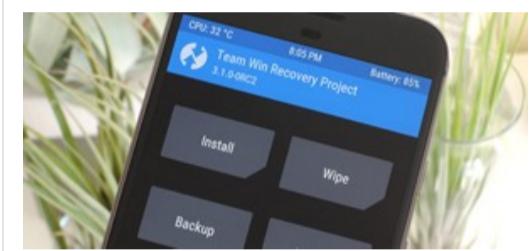


Step 2 Install the Module

Next, open your Magisk Manager app and head to the *Modules* section, then tap the floating action button at the bottom of the screen. From there, select the *EnableDozeforGMS* ZIP that you just downloaded, and the module will be installed automatically. When that's finished, make sure to tap "Reboot" on the popup to finalize your work.



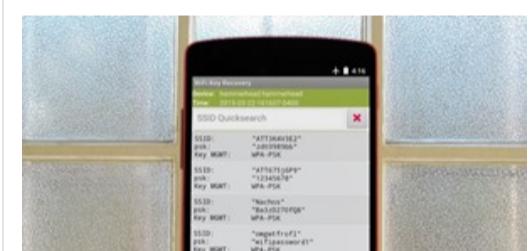
27 Cool New Features & Changes in Android 8.0 Oreo



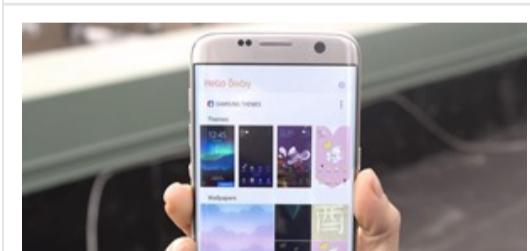
TWRP 101
How to Install the Best Custom Recovery for Android



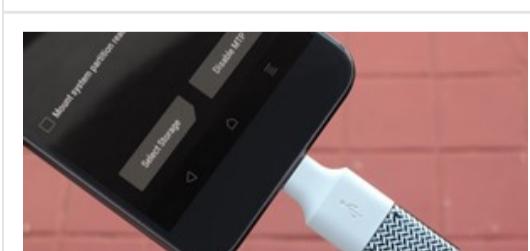
NEWS
Android Oreo Has an Automatic Bootloop Fix Called 'Rescue Party'



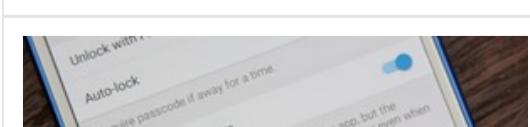
HOW TO
See Passwords for Wi-Fi Networks You've Connected Your Android Device To



HOW TO
Add the Galaxy S8's New Bixby Feed to Your S7 or S7 Edge's Home Screen



TWRP 101
How to Mount Your SD Card or USB OTG Drive to Flash External ZIPS

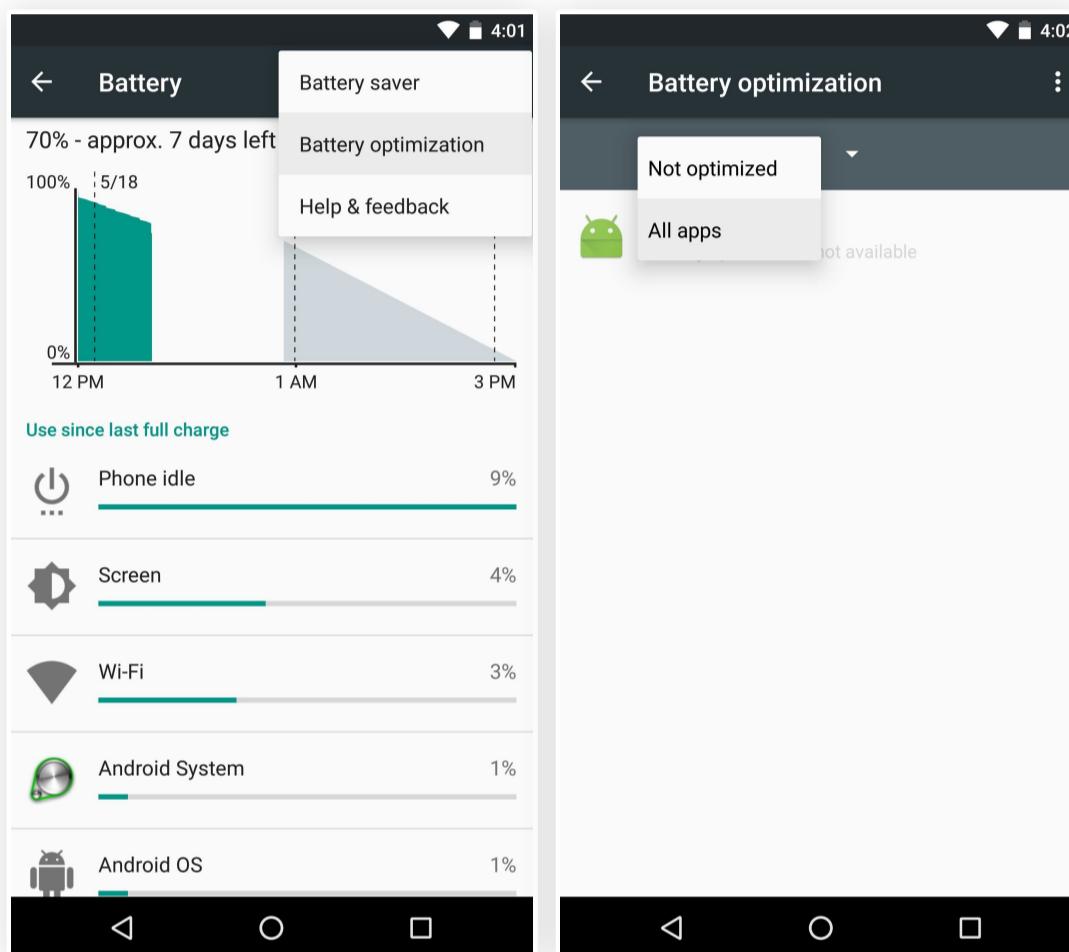


The screenshot shows a mobile browser displaying an advertisement for AWS Marketplace. The ad features a database icon with a checkmark, the text "Database Solutions", and the subtext "Discover, purchase, migrate, and deploy databases on AWS". A "LEARN MORE" button is visible.

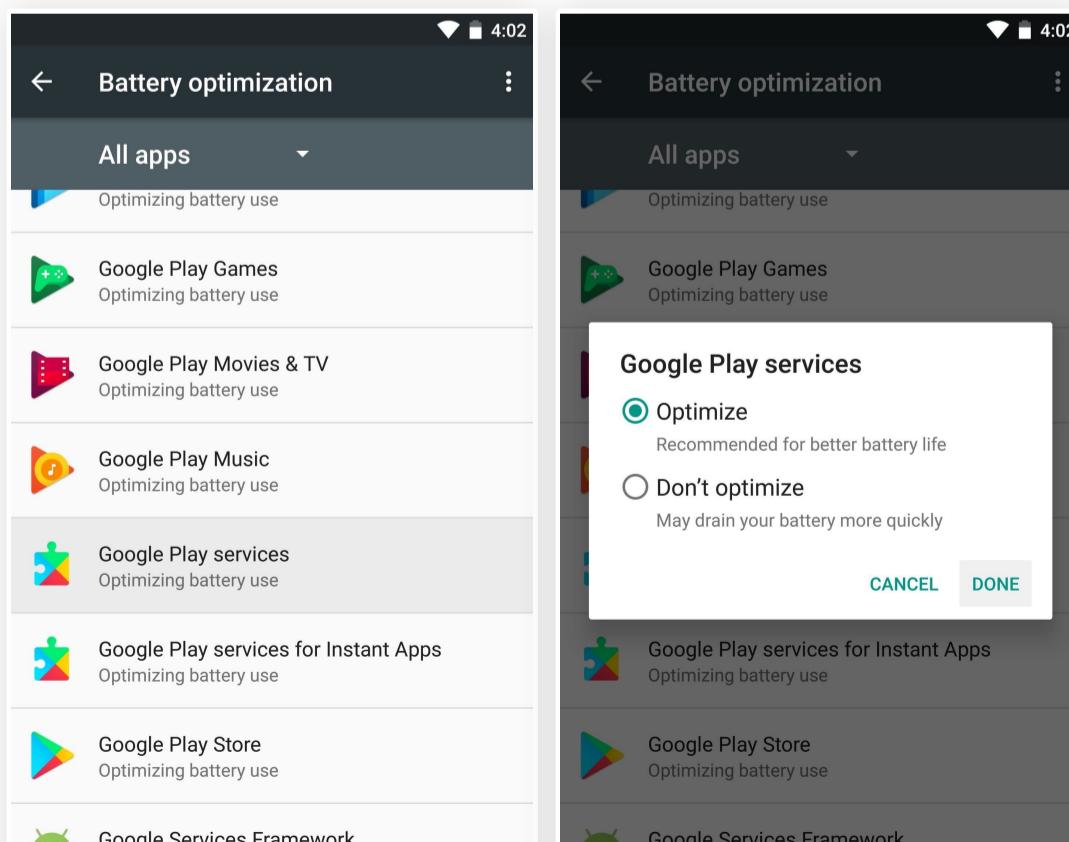
Step 3 Enable Battery Optimization for Play Services

When you get back up, chances are, the module will have already enabled Battery Optimization for the Play Services app. But just to be on the safe side, take a quick trip to your phone's main Settings menu to double check.

From there, head to the *Battery* menu, then tap the menu button in the top-right corner and select "Battery optimization." Next, select "All apps" from the drop-down menu on the following screen.

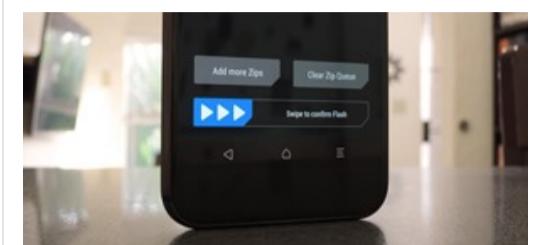


From here, scroll through the list and find the Google Play Services entry. Tap it, then select "Optimize" on the popup, and hit "Done." From now on, Play Services will be treated like any other app when your phone enters Doze Mode after it's been lying still with the screen off for a bit, which means your standby time should see a significant bump.



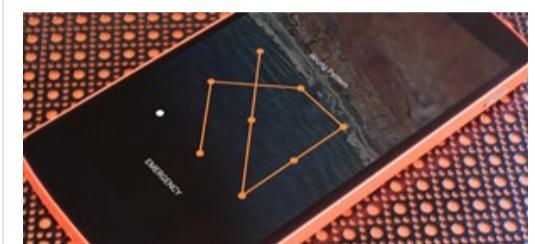
TELEGRAM 101

How to Take Screenshots of Chats on Android



TWRP 101

How to Flash Multiple ZIPs at Once



HOW TO

7 Ways to Bypass Android's Secured Lock Screen



HOW TO

Use the New Picture-in-Picture Mode in Android O



ANDROID BASICS

How to See What Kind of Processor You Have (ARM, ARM64, or x86)



HOW TO

Fully Control Your Android Device from Any Computer



HOW TO

Get the New Pixel Launcher from Android O on Almost Any Phone





THE SEEDS OF
THE MOBILE REVOLUTION WERE
PLANTED HERE IN SAN DIEGO.

[LEARN MORE](#)

QUALCOMM

Again, this should only affect standby time, meaning your battery should last a bit longer when you're not actively using your phone. But for some folks, this could have a huge impact on real-world battery life. How much has it helped on your phone? Let us know in the comment section below.

Don't Miss: Save Battery Life by Activating Doze Mode Faster

- Follow Gadget Hacks on [Facebook](#), [Twitter](#), [Google+](#), and [YouTube](#)
- Follow Android Hacks on [Facebook](#), [Twitter](#), and [Pinterest](#)
- Follow WonderHowTo on [Facebook](#), [Twitter](#), [Pinterest](#), and [Google+](#)

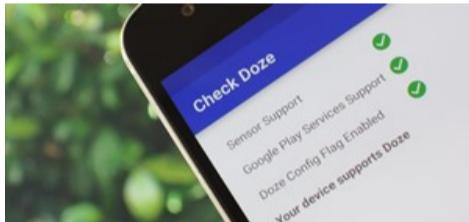
Cover image and screenshots by Dallas Thomas/Gadget Hacks

Related



HOW TO

[Save Battery Life by Activating Doze Mode Faster on Android Marshmallow](#)



HOW TO

[Does Your Android Support Doze, Google's Best Battery-Saving Feature?](#)



ANDROID BASICS

[How to Disable Doze & App Standby Individual Apps](#)

Be the First to Comment



YOU

[LOGIN TO COMMENT](#)

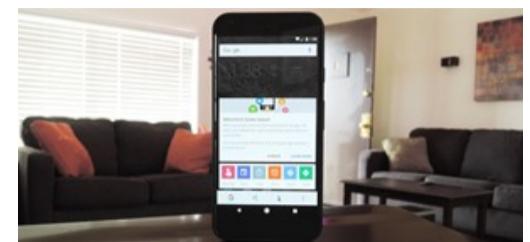
Click to share your thoughts

 WIRED & WIRELESS.
A PERFECT UNION
Ruckus provides the powerful
marriage of networking solutions.



[LEARN MORE »](#)

Get the Galaxy S8's Brand New Launcher on Your S7 or S7 Edge—No Root Needed



HOW TO

[Get Rid of Google Assistant on Your Android Device & Switch Back to Google Now](#)



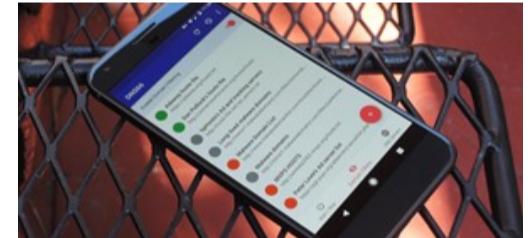
HOW TO

[Get iPhone Emojis on Your HTC or Samsung Device \(No Root Needed\)](#)



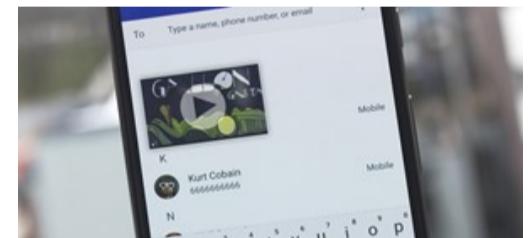
HOW TO

[Convert a Micro SIM Card to Fit the Nano Slot on Your HTC One M8](#)



HOW TO

[Block Ads in All Your Android Apps Without Root or Extra Battery Drain](#)



HOW TO

[Enable Android O's Picture-in-Picture Mode Right Now](#)

[ALL FEATURES](#)

© 2017 WonderHowTo, Inc