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Android is one of the most open, versatile and customizable mobile operating systems out there. You may think that you don't need the root of the phone, but you'll be surprised at how much more you can do with a little work. Here are 10 reasons rooting the phone is worth the hassle. We love Android, but rooting your phone can give you the ability to do much more than yours... Read more than 10. Unlock hidden features and install incompatible AppsSometimes, even Android isn't open enough to give you some of the features you want. Either the app is blocked by telecom operators by hacking into Android system files or otherwise not available. Fortunately, rooting can help with this: you can install locked carrier apps, get features from the latest version of Android, make incompatible apps compatible, power your hardware, get features such as Beats Audio from other phones, or emulate exclusive features such as those on Moto X. What you want, rooting gives you the opportunity to do much more. Android (roots): Every once in a while, you hit the Play Store only to find what app you ... Read 9. Automate everything you've probably heard about Tasker, an awesome app that automates almost anything on your phone. You don't need the root of the phone to use it, but if you're rooted, it can do a lot more. Some tasks, such as 3G toggling, GPS, CPU speed change, screen turn on, and others require root access. So, if you

want to get the full benefit of an app like Tasker, you definitely want to eradicate your phone. For more automation inspiration, check out your best Tasker action as well as our most recently featured Tasker tricks. If you've ever thought I want my Android phone to do X whenever it happens, for example,... Read more8. Increase the speed of your phone and LifeYou's battery can do many things to speed up your phone and increase its battery life without rooting, but with root as always, you have even more power. For example, with an app like SetCPU, you can overcouche your phone to improve performance or make it work under lock and key to improve battery life. You can also use an app like Greenify automatically sleeping apps you don't use-perfect for those apps that always want to run in the background when you're not watching. We're all decluttering our cupboards and basements to celebrate spring, but it's time for... Read more7. Block ads in any AppLook, we all people understand the need for random ads-it's how we make money. But advertising can also put Data. If you want to block ads in certain apps or on certain devices, rooting for today is the best way to do so. AdFree, AdBlock Plus and Ad Away are all great options. Of course, if you're not entrenched, going into airplane mode works as a last resort too. If you're tired of giant ads taking place on your tiny phone's screen, there are several ways to read more. Reserve time your yours For seamless transitions, when you switch to a new Android device or restore your device to the warehouse for any reason, you can make your life a lot easier by backing up apps and settings first. So you can get the whole setting back for just a few taps. If you don't have roots, you can back up a few things, such as apps and data, but you won't necessarily be able to back up system applications and their data, or automate the entire process, as well as Titanium Backup can. Check out our Guide to Titanium Backup for more tips. Congratulations: you just got a new Android phone! If you're lucky, you've got a lot more than that.5 Remove the pre-installed CrapwareTitanium backup is good for more than just backups, too. It can also remove that annoying, battery-draining, space-wasting crapware that comes preinstalled on so many phones these days, and unfortunately this feature is just the root. Freeze them first to make sure your phone is running normally without them, then remove them completely to free up that space. You'll be glad you did it. Photo by Daniel Sancho.4. Tweak Dark Corners AndroidIf you're the kind of person who likes to tinker with every little feature - both on the surface and under the hood-rooting for you. Whether you want to customize your keyboard layout with something like a keyboard manager or give yourself a faster scroll, improved multitasking, and additional themes with Pimp My ROM, rooting gives you the ability to customize just about any nook you can think of. Android: If you find yourself preferring a different keyboard in portrait mode than in the landscape,... Read more3. Flash custom KernelSome of the most under hood Android settings require a custom core that you can only flash with a rooted device. The kernel is responsible for helping your apps communicate with your phone's hardware, which means that the user core can give you better performance, battery life and even additional features such as Wi-Fi binding (on unsupported phones), faster battery charging and more. You can flash the kernels manually or simplify the process with something like a Core Manager.You may have heard about how flashing a new ROM can improve your Android experience, but flashing More2. Flash is a custom ROMOkay, so you probably already know about it, but this is one of the best benefits of rooting. Custom ROM is basically a custom version of Android, and it really changes how you use your phone. just bring a spare version of Android to non-stock phones, or later versions of Android to phones that don't have it yet. Some add a few handy features, some add a lot of really unique features, and some change the operating system from head to head. No matter what phone you have, even if it's a Nexus-we strongly recommend checking check ROM there. You won't be disappointed. Note: As some of you have pointed out, you don't really need root access to the custom ROM flash, although you'll need to unlock the loader (a process that sometimes comes complete with root access). However, this requires the release of your device from the manufacturer's lock, so we have kept it on the list despite this formality!1. Truly have your device In the end, it all comes down to one thing: you have a device and you should be able to do with it as you please. Some manufacturers and carriers are trying to keep this from happening, but with root access, you really own your device and open yourself up to all the possibilities that other parties are trying to block. Of course, there is some risk and we usually do not recommend rooting other people's phones, but in the end, you can't put a price on true openness and control. Photo By Andrew Mason.Dear Lifehacker, rooting for my Android phone went well, but I tried flashing custom ROM, and now I've read more one of the best things about Android, how customizable and flexible it is. Android lets you use it the way you want to use it, whether it's changing the launcher, or creating a host of unique automatic features with Tasker. But for some, that's not enough. That's why many of us will choose the root of Android, in order to get full control of our devices. Or at least almost complete. If you like the sounds of that, but find yourself feeling a little anxious at the thought of hacking your much loved (and probably quite expensive) device this way, then read to learn everything you need to know about rooting for Android. It's actually easier than you think, and as long as you read on things and follow the steps carefully, you'll be rooting your Android phone before you know it. The best root apps for AndroidAndroid hacks can you do without rootWhat is rooting? While this may seem scary, rooting simply refers to the act of gaining access to commands, system files and folder locations that are usually blocked for the user. Android rooting can be seen as promoting yourself from system user to administrator; with the added freedom and risks that come from more control over the deeper operation of your device. With great power comes great responsibility and all this! In particular, adding a root to Android means becoming a super-user, which is a Linux feature that you may be familiar with. In many ways, then, you might consider it more like a recovery feature that should have been there to start with! Users can install and install Apps on root Android phones and tablets that require special privileges, bypass carrier-installed software, and even remove virus apps added by manufacturers and carriers. Root access is even needed if you want to install trivial things, such as certain custom fonts, and rooting rooting can also unlock new features in some apps and launchers. Rooting is no longer always necessary for flashing custom ROM. However, it is advisable to root Android in some cases to use the most interesting features. Convenient Root Terminology: Bootloader - The lowest-level software on your phone that launches recovery and then the main operating system. Recovery is a low-level software that can create and restore a complete backup of the system. Access to the main OS. ADB (Android Debug Bridge) is a command line tool that is part of Android SDK, which keeps the computer and Android device connected. Root or not root? The next question is whether to eradicate Android or leave it for what it is. This is, of course, a matter of personal preference. On the other hand, it gives you more access to a number of interesting apps and customization options. It also allows you to upgrade old phones to new versions of Android, long after your manufacturer and carrier have forgotten about your device. As mentioned, rooting Android will allow you to change what you otherwise couldn't, and it will also allow you to use a lot of interesting apps. Android Root apps and optionsHere are just a few things you can do with a rooted Android device: For some people, rooting Android is also something of a statement. You paid for this device, so why don't you use it exactly the way you want it? Especially if it means removing cynical and useless viruses. There's also a certain status that comes from it, and a great sense of accomplishment when you reach root access for the first time. And obviously if you're a developer hoping to create your own root application, you need to start somewhere! Will you damage the device? However, there are also some potential rooting flaws. On the one hand, even if you know how to eradicate Android, there are still some risks. Get it wrong and there's a small chance of bricking your device (it happened to me). It's definitely easier and safer on some devices than others, but if you're not too sure about your witchcraft technique, then you may prefer to leave well enough alone. In addition, rooting can cause some problems with official OTA phone updates - but it's usually good to install new software manually once you're rooted. An update often results in the root permissions being lost, in which case the procedure will need to be done again. Sometimes an update old root methods, and sometimes root devices can't install updates. If the device stops loading after trying to use the root, it can usually be easily restored in factory specifications. Guarantees and laws - is rooting legal? This brings us nicely to the guarantee, which is another gray area in the world of rooting. While carriers aren't very much like you you With their hardware and software, some manufacturers have become kinder to rooters and even those who install third party software. However, few people have a clear position that the software settings will void your warranty, and you certainly can't expect your root phone to be fixed if something goes wrong. Devices with locked loaders, the very low-level software that launches your phone, are designed specifically to prevent rooting, so don't expect sympathy from these manufacturers. In the U.S., rooting perfectly legalManufacturers and sellers can often identify the root, even after you unroot, thanks to clues like Knox on Samsung. Note that there are ways to hide evidence that the device is rooted, but they won't always work. There's a kind of arms race going on between hackers and manufacturers, and your chances of unrooting and covering tracks often come off on who wins at the time! This is why many people only root old phones that are already out of warranty. Read Next: How to Stretch your Android deviceIt can also lead you to wonder whether rooting your device is even legitimate? It's hard to answer as it depends on the laws of your own country. Many countries allow digital rights and blocking controls to bypass, provided that they are not used for other illegal purposes, such as circumventing copyrights. In Europe, the Copyright Directive includes exceptions that work as above, as do Indian copyright laws. At some point in the U.S. everything was less clear, although recently the situation has become clear: it is perfectly legal to take root. SecurityIt is also worth noting that there are some apps and features that will stop working once you root. For example, banking applications often stop working because of perceived security risks. Even Snapchat and Pokemon Go take the issue off the root! However, there are also often countermeasures to these restrictions - although your mileage can vary. As you can probably say now, rooting usually means creating more work for yourself, but it's really fun to work with! The final important point to be aware of is what is safe. With a higher level of control comes a higher level of risk, and rooting the phone can open the device to more dangerous parts of malware. This is where governor applications come in that control and control which processes get root permits. You may be familiar with SuperSU or other similar apps. They are very easy to use and just display a pop-up whenever an app or process wants root access that you can either deny or allow and maintain your preferences if you trust the app. Of course, if you don't automatically get regular updates, then it also falls on you to make sure you get all the latest security patches. Theoretically, with the right root applications, you could actually improve your privacy. But But On you. It should also be noted that SuperSU developer Chainfire recently hung up their root apps, so most rooters have now switched to Magisk.So, should you root Android? With all that in mind, then, should you eradicate the Android device? Ultimately, it comes down to what you're going to use the device for. If you have a specific use scenario in mind and you understand the risks and limitations, then there is nothing to stop you from learning how to eradicate Android and give yourself that extra freedom. But the argument for rooting is not as compelling as it was. These days, you can do a lot of what used to be root access without it (add custom ROIs, screen recording and so on). Seeing how root can also mean that you lose functionality, this is no longer a direct victory across the board. It's fun, it's powerful and useful, but it's not quite as useful as it was rage. For me, the obvious answer is to only get sick on older devices. Keep your daily driver clean while it still gets new updates and patches; But the root of the secondary gadgets that you want to tinker with. How to root out Android devicesIf you decide to go ahead, then you will probably be wondering how to eradicate Android. Let's rootin-and-a-totin! The bad news is that there is no single size fits all solution when you root Android phones and tablets and various brands and even versions of the software can vary quite widely. Even in phone options, you may find that some methods work while others don't. The good news is that in many cases, rooting is much easier than it used to be. In fact, the easiest way is to usually use a simple root app. These are apps that allow you to eradicate Android at the touch of a button, with some popular examples being KingRoot, KingoRoot and OneClickRoot. Just download the app from PlayStore, and they will first check the compatibility, and then go further and root your device for you. This is a minimal way of vanity that will work in a large number of cases. However, it's worth noting that some come with annoying push notifications and ads. I would advise checking reviews before you stop by which one to use. Some even say that if you can't figure out how to root out a phone without one of these apps, which perhaps you shouldn't do it at all (because if you run into problems during the process you won't know what to do). The good news is that in many cases, rooting is much easier than it used to be if one click solution doesn't turn to Although, things are getting a little tricky and you will need to look for specific instructions for your device. This could mean using PC software and connecting your phone via USB, this could mean using a custom recovery, or it could mean downloading additional software like Odin for Samsung devices. The best part is These options are that you learn a lot along the way. I recommend either a Google root search for YOUR DEVICE NAME HERE or a headline to XDA developers, which is a great place to start. Many of the best root apps available today have been developed by members of this community! Just be sure to use the search feature before you ask noob questions! And don't forget to thank and support the developers who make root possible. Before rooting the device it is always a good idea to back up first. Then settle in, read a lot, triple check the instructions and dive in. The world of Android Root is exciting, empowering, frustrating and engaging - you'll learn tons of how Android works, what your phone can do and how awesome Android can be when you take the reins and get in the driver's seat. Once the roots are rooted, the next step is usually to install custom ROM. This is a modified version of Android that will bring new features. If you decide to do this, you will most likely have to use flashing software that is likely to depend on SoC. For example, qualcomm devices can use QUALcomm. Closing commentsSo there you have: it's a lowdown at the root. It's a perfectly legal and often easy way to gain more control over your device, but it comes with some caveats and may not always be as simple as it might be. Let us know in the comments if this is something you plan to do. And if so, what sealed the deal for you? 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