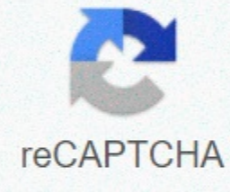




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## Factory data reset android tv box

Photo: ShutterstockHere is a fun one: there is a new Android malware making tours that are not only annoying – thanks, pop-up ads – but also incredibly hard to remove from your Android device once you are infected. Although this fairly new xHelper malware has affected a few Android users so far (about 45,000, Symantec estimates), the fact that no one has any clear advice on how to remove it is a disturbing fact. While the odds are good you won't get hit with this malware, given the low installation rate so far, even though it's been active since March - you should still know what you're doing and how (hopefully) avoid it. As Malwarebytes describes, xHelper begins by hiding itself as a normal application by plagiarizing legitimate app packages. Once you're on your device, you're either stuck with a semi-stealth version, which drops the xHelper code blatantly into your notifications - but there's no app or shortcut codes - or a full stealth version, which you won't notice unless you visit Settings &gt; Apps &amp; Notifications &gt; Info (or whatever navigation on your selected Android device) and scroll down to see the app xHelper installed. What does xHelper do? Fortunately, xHelper is not destructively harmful in the sense that it does not record your passwords, credit card data or anything else you do on your device and send it to an unknown attacker. Instead, it simply spams you with pop-up ads on your device and annoying notifications that are all trying to get you to install more apps from Google Play, presumably how the xHelper book makes cash from malware. G/O Media may get the Dark Side Committee, as ZDNet reported, is that xHelper can download and install applications allegedly on your behalf. It doesn't seem to do that right now, but if this is going to happen – along with the app's vague ability to continue previous deinstalls and factory resets – it would be a big backdoor for anyone affected by malware. Wait, I can't uninstall it? Yes. This is the malicious part of xHelper. Neither Symantec nor Malwarebytes has any good recommendations to get this malware off your device once you install it, as the mechanisms you use to keep the past reset the entire factory of your device are unknown. As Symantec describes it: None of the samples we analyzed were available on the Google Play Store, and although malware can be downloaded by users from unknown sources, we believe it may not be the only distribution channel. From our telemetry, we've seen these applications installed more frequently on some phone brands, leading us to believe that attackers may be focusing on specific brands. However, we believe it is unlikely that xHelper will come pre-installed on devices since these applications have no indication of being system applications. In addition, many users have complained on forums about the continued presence of these malware on their devices, despite the performance Reset and manually uninstall. Since applications are unlikely to be systems applications, this indicates that another malicious system application is constantly downloading malware, which we are currently investigating (watch threat intelligence for more information on this). Sue... If you think you have xHelper, you can try downloading some standard antivirus apps on your Android device. It's possible that it might help, but you're erred on the side of free antivirus apps right now, lest you find yourself paying a piece of cash to apply (or subscribe) that doesn't actually help you at all. Malicious xHelper is just that quirky. I have a full belief that someone - Google itself, or one of the top antivirus players - will find a way to thwart and remove this malware, but it will take a little while to get to this solution. Meanwhile... How to avoid getting hit with xHelper in the first placeRight now, and the best thing you can do to prevent getting hit with this type of malware is to keep in mind your web browsing habits. Make sure you don't redirect to phishing websites that encourage you to download unknown apps — or apps that look safe — on your device. When you're in doubt, just install apps from the Google Play Store. Don't download apps sideways, as in, don't download them and install them manually on your device unless you know what you're already doing, trust the app developer completely, and trust that the app you're downloading is actually something safe from the developer you claim to be from. (While this won't protect you a hundred percent of the time, sticking to the Google Play Store is safer than random downloading. APKs from websites you don't know anything about.) A time comes in each user's life when they have to reset something to default in the factory. Maybe the device behaves shaky and needs a fresh start, you get rid of it, or you want a clean page for another reason. The good news is that it's incredibly easy to reset your Android TV box factory, regardless of the manufacturer. The first thing you want to do is jump into the settings menu by heading down the home screen and choosing a gear icon. From there, look for and select the storage and convenience option. This list is simple, as there are only two options: internal storage and factory data reset. You want the latter. Depending on the box you use, there can be a few options here. For example, nexus player will only offer a full reset and cancel options, where NVIDIA Shield also has a quick reset option. Select one that makes the most logical for your condition - if you plan to get rid of the box completely, always do a complete replay. Once you select the desired option, there will be another screen that confirms that you are sure that's what you want to do. Select OK (or whatever the emphasis on a particular box) to start. Depending on the amount of storage your device enjoys, this it takes a long time. My 500GB SHIELD notes that resetting the factory can take up to two hours. The good news is that you don't have to sit back and watch it - largely practical on autopilot anyway. You can go out or something like that. I heard it's nice outside to reset any simple Android device, but a necessary part of being a responsible owner. Even if you plan to keep the box, it's always good to know how to start new if things seem to be going skewed. There are many ways to stream content on tv, and if you get one of the best Android TV boxes, you can make sure the experience is as fast, smooth and fun as possible. Android TV boxes allow you to instantly access all your favorite video and music apps, along with some light games, without going out and buying a completely new TV. There are a few different options to choose from, with these are the best of the best. The best Android TV boxes at chromecast profile with Google TV - generally best: with high-quality streaming, affordable, intuitive software, it does everything. NVIDIA TV Shield - Best alternative: NVIDIA TV Shield has strong performance, 4K lift, and support for high-quality cloud game flow. NVIDIA Shield TV Pro — Best Premium: If you want the best specs and smart home features. It's another solid option. TiVo Stream 4K — Best Value: TiVo Stream 4K delivers everything you need at a great price. Ematic Jetstream — Best Underdog: A powerful, low-cost flow box full of features. What are the best Android TV boxes? When it comes to the best Android TV boxes, our overall choice should be Chromecast with Google TV. In almost every respect, the new Chromecast is basically perfect. It has 4K HDR streaming with support for Dolby Vision/Atmos, a great remote easy-to-use remote controller, and comes at an incredible price. Star Show is a special Google TV program that is layered on top of Android TV, offering new features and an upgraded design that we think you will love. If you're not enthusiastic about what Chromecast has to offer, another powerful choice is NVIDIA Shield TV. Its higher price may turn some potential buyers away, but it compensates for it with a faster processor, a 4K increase, and a more distinctive remote. Last but not the last, it is also worth considering in very similar NVIDIA Shield TV Pro. It's almost identical to a regular shield TV, but you benefit from extra RAM/storage and full-size USB ports. This one also doubles as a SmartThings center, which is a great touch if you have a lot of smartgadgets that support SmartThings in your home. Source: Joe Maranning / Android Central Bottom Line: In the world of Android TV boxes, Chromecast with Google TV easily stands out as the best one to get. Its devices are more than capable, but the thing that puts them on edge is their unparalleled software and very competitive price. Chromecast category with Google Amlogic S905X3 RAM 2GB 8GB 4K ✓ HDR ✓ 4K upgrading ✗ Dolby Vision ✓ Dolby Atmos ✓ Lost Remote Finder ✗ 4K HDR Streaming supports Dolby Vision &amp; Dolby Atmos Small, well built remote Google TV interface is an excellent price affordable despite not having tons of Android TV boxes available for purchase in 2020, one that easily stands out as the best of the package is Chromecast with Google TV. No matter how you cut it, this latest Chromecast device ends up being an ideal broadcast companion for any living room. On the hardware/spec interface, everything you need for high-quality broadcasting is here. Chromecast delivers 4K HDR broadcast, support for Dolby Vision and Dolby Atmos, and has a processor that keeps things running smoothly for most tasks. The remote control is a bit lacking when it comes to buttons, but it is incredibly well built and provides good utility in the form of a sleek and compact factor. Chromecast gets a big advantage over the rest of the options on this list: how it runs the new Google TV interface. While it's technically operated by Android TV, Google added this new Google TV software on top of it to create a brand new experience. Everything is more visually appealing, all your apps work the same way, and the new home pages are designed to organize everything from your streaming apps so you can find something to watch more easily. In our experiences, it's a much better user experience than a regular Android TV - chromecast is the only way to get it now. Making all this better is the price of your Chromecast. Not only is the best Android TV box on our list, but also one of the most affordable. Talk about winning for both sides. Google's Chromecast has 4K HDR streaming, an affordable price, and intuitive software to help you find exactly what you're watching. Source: Android Central Bottom Line: In the world of Android TV boxes, NVIDIA Shield TV easily stands out as one of the best ones to get. It has incredibly powerful specifications, improved 4K premium, and works with the Cloud Gaming Service GeForce NOW from NVIDIA. Class NVIDIA TV Shield Processor NVIDIA Tegra X1 + RAM 2GB Storage 8GB 4K ✓ ✓ 4K upscaling ✓ Dolby Vision ✓ Dolby Atmos ✓ lost remote finder ✓ nif, compact design compressed 4K HDR streaming with upscaling lost remote discoverer NVIDIA GeForce now Google has done a lot right with Chromecast, but if it doesn't seem like it works for you, another option to consider is NVIDIA TV Shield TV. Starting with its devices, Shield TV is one of the most compact Android TV boxes you'll find. In fact, it's not a box but more than a small tube. It's small, out of sight, and easy to hide regardless of your entertainment setting. Shield TV has all the broadcast technology you can request, including 4K HDR content support, Dolby Vision, and Dolby Atmos. It also uses upscaling artificial intelligence to convert HD content to 4K to get a more fragile image than ever before. There is an Ethernet socket if you prefer a faster wired connection Along with a microSD card slot to expand storage quickly. Another great draw to TV Shield is that geForce can be accessed now - a NVIDIA cloud gaming service that allows you to play full computer games live on your TV. Do you want a first-class Android TV box? Keep it simple and buy nvidia TV shield. It's neat and powerful, not excessively expensive. Source: Android Central Bottom Line: Shield TV Pro is a lot like the regular shield TV above, although it comes with a few notable upgrades. For a few extra dollars, the Go Pro gets more RAM and storage, full-size USB ports, and allows the box to function as a SmartThings hub. Class NVIDIA Shield TV Pro Processor NVIDIA Tegra X1 + RAM 3GB Storage 16GB 4K ✓ ✓ 4K upscaling ✓ Dolby Vision ✓ Dolby Atmos ✓ remote search loss ✓ 4K HDR with increased tons of RAM and full-size storage USB SmartThings ports the most expensive hub on our list if you like what you see with NVIDIA TV shield but something more capable, the TV shield can be your pro. It has everything that makes a great regular shield TV, including 4K HDR flow, 4K lift, Dolby Vision and Atmos, and more. The physical hardware of Shield TV Pro is much larger, and there's a reason for it. If you have a lot of smart home wares under the SmartThings brand, you can use Shield TV Pro as the center of them all. It also has two full-size USB ports on the back, which can be used to connect external storage devices, air-above-air antennas, and keyboards. Moreover, the Pro has more storage and RAM space than a normal TV Shield - 16GB vs. 8GB and 3GB vs. 2GB, respectively. The increased price and size of Tv Pro Shield make it tougher than selling its non-Pro brother, but for power users that need an Android TV box to do as much as possible, it's a great choice. Whether you want to use it as a SmartThings hub or take advantage of USB ports, Shield TV Pro does everything. Source: Joe Maranning / Robot Central Bottom Line: Want Android TV box on budget? TiVo Stream 4K is not rich in features like shield TV, but it offers all the basics while keeping more money in your wallet. Class TiVo Stream 4K Processor Amlogic S905Y2 RAM 2GB 8GB 4K storage ✓ ✓ upgrading 4K ✗ Dolby Vision ✓ Dolby Atmos ✓ lost remote finder ✗ remote 4K HDR remote streams with tiVo remote audio control scalable storage app at very reasonable prices is high-heeled no 4K lift as much as we like NVIDIA TV and Pro SHIELD, we also understand that it may be a very expensive way for many shoppers. If you sign up for this group, we recommend going to TiVo Stream 4K. Despite being much cheaper, TiVo's Stream 4K still supports 4K HDR content, works with Dolby Vision and Dolby Atmos, and comes with an audio remote for easy access to Google Assistant. The largest fee for TiVo Stream 4K (other than its low price) is access to the exclusive TiVo Application. In the app, TiVo makes personal recommendations from shows and movies to watch based on your tastes and preferences. In this process, stream also includes access to all of your other streaming services so you can access them in one convenient place. It's not quite as smooth as the Google TV experience, but if you want a traditional Android TV interface while still getting high-quality content recommendations, Stream is a great choice. TiVo Stream is also where you'll find a range of free channels from the likes of Pluto TV, Toby, Cheddar, and Tastemade. If you have a Subscription to Sling TV, you'll be able to watch it in the TiVo Stream app as well. Thanks to its low price and good features, TiVo Stream 4K is a great Android TV box if you're on a budget. Source: Wal-Mart Bottom Line: If you're looking for powerful features in an affordable Android TV box, Ematic Jetstream is a powerful choice. On display is a 4K HDR streaming, two full-size USB ports, and a microSD slot for easy storage expansion. Class Ematic Jetstream processor Amlogic S905X RAM 2GB storage 8GB 4K ✓ HDR ✓ 4K upscaling ✗ Dolby Vision ✗ Dolby Atmos ✗ Lost Remote Finder ✗ has 4K HDR video streaming ports two large USB streaming ports dimmed Dolby software support talking about android TV boxes at affordable prices, we also have Aymat JetStream this is not nearly as well known from a product as the other chooses on our list, but for budget shoppers, it can be a worth-look. Similar to The TiVo Stream 4K, Ematic Jetstream has 4K HDR video streaming and a remote control with voice control function. We'd also like to get the YouTube and Netflix shortcut on the remote, which is likely to be the two most commonly used apps. Ematic has equipped this 8GB Android TV box and microSD card slot to add more space, and even usb ports are similar to what you get on NVIDIA Shield TV Pro. The biggest problem we expect is the lack of software updates, as small businesses like this tend to be less consistent about them than a larger company like NVIDIA. It's also worth noting that Ematic Jetstream does not support Dolby Vision or Dolby Atmos, which you'll want to remember if these two features are reliable. Along with 4K HDR streaming, the Jetstream eMatic also gives you microSD storage expansion and even two full-size USB ports. You have a few options available to you when shopping for an Android TV box, but overall, chromecast with Google TV stands out as a clear winner. It gives you a lot of amazing features and programs and comes at a very reasonable price. In terms of watching movies and TV shows, Chromecast is a hero. Handles 4K HDR content without sweating, and thanks to its support for both Dolby Vision and Dolby Atmos, you can make sure your image and sound quality is as good as you get. What makes chromecast unique from other Android TV boxes is the fact that it features Google TV programs. Google TV is placed on top of Android TV and sponsors all shows and movies from different streaming apps in one place. It takes out the regular hassle of juggling between multiple apps just to find something to watch, and it's a really useful addition that you won't find anywhere else. 1. What is Android TV? First of all, a brief overview of what android TV is at its core. Android TV is a special version of Android that is specially designed for TVs. It's technically the same program that strengthens a Samsung or Pixel phone, but you'll notice it looks a lot different. The user interface has been specially improved for the large screen, which is why it looks and feels the way it looks. You can download a variety of apps on Android TV, including apps like Netflix, Hulu, Disney+, etc. It even has apps for the new HBO Max and NBC peacock service, both of which still do not have official support for Roku or Amazon Fire TV. There are also some basic games available for download, which can be fun if you are looking for another way to kill some time. Right now, the biggest missing piece of the Android TV content library is the Apple TV app. There are two cool Android TV tricks that have come up in his sleeve that you won't find on competing smart TV platforms, the first of which is Google Assistant. As you have google assistant baked in your smartphone and smart speakers, it's also integrated into Android TV boxes. Just press the microphone button on the remote that comes with the box you buy, and you can ask google assistant to control smart home devices, put up your calendar, start broadcasting a particular view, and much more. Android TV boxes also double as Chromecast goals! If you're browsing the Netflix app on your phone and finding something you want to watch, just click on the Chromecast icon and it'll be sent to your Android TV. You can even mirror the entire phone screen if you want to show off an app that doesn't originally support Chromecast, which is pretty darn gorgeous. 2. Why should I buy a streaming box instead of an Android TV? When shopping around for an Android TV box, you may notice that you can buy a full TV on that comes with Android TV programs already built into it. These can be useful if you're on the market for a new TV and know you want to run it android TV interface, but it's also a much greater commitment than going to the Android TV box. Android TV boxes are much more affordable than most Android TVs, making them much easier on your wallet. It's also a great way to get to know the operating system if you haven't used it before. If you get an Android TV box and it turns out it's not appropriate, it's much easier to return a small box instead of a giant TV. Android TV boxes also tend to have better processors and get more reliable software updates, especially with those like Tv Shield and Shield TV Pro. How does an Android TV compare to Roku and Fire TV? If you're not enthusiastic about any of the options on this list, you might want to think about shopping for broadcast boxes that run by a different smart TV platform - specifically, Roku and Amazon Fire TV. Roku is the most popular program out there for smart TV interfaces, offering powerful options for both broadcast boxes and TV with roku built-in. Roku benefits from having a lot of hardware options available in both regard, plus supporting more applications. Choosing an Android TV app is much better today than it was a few years ago, but Roku still has a lot of small apps/channels that you just can't get Android TV. Amazon Fire TV is right behind Roku in terms of popularity, and although it doesn't have a lot of different hardware options for fire TV boxes, those available tend to be much cheaper than top Android TV picks. It also benefits from amazon's built-in Alexa, which works in the same way as Google Assistant on Android TV. 4. Can you tell me more about NVIDIA GeForce now? We have now mentioned NVIDIA GeForce several times throughout this article, but if you're still a little confused about what it is, don't know what you need to know. GeForce Now is a service that allows you to play computer games on almost any device by broadcasting them over the Internet. Similar to how Netflix movies and TV shows are broadcast, GeForce is streaming video games. It works with a variety of free games to play and those you've purchased through platforms like Steam, with some supported titles including Fortnite, Just Cause 4, Control, Rainbow Six Siege, and other tons. You can use GeForce Now for free, but if you do, you'll only have one-hour gaming sessions. Once this hour is up, however, you can just hop back to your game and start playing for another hour (and so on). There's a paid class that costs a few dollars a month, and this gives you access to longer continuous gaming sessions, priority access to GeForce Now servers, and RTX support for better-looking games. Games.