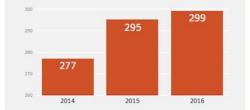
What is more secure android or ios

Continue

Mobile Device Best Practices (for Android or Apple iOS) \odot



Cumulative number of mobile malware families per year Four new mobile malware families were recorded by Symantec in 2016, a steep drop from 2015, when 18 new families were identified.





DATA ENCRYPTION AVAILABLE ON BOTH DEVICES

For example Anthroad devices pupped more than one as store as well as large scale over the air app distribution

were are different levels of encryption, and some of them are device-specific The OSes provide mechanisms for apps to store secrets in ophertext on disk; but apps don't always take advantage of these features. For example, data encrypted syour mobile device may be stored in plain text if you sync to a PC.

APPLICATION SECURITY TESTING

evel of verification on app security isn't the same between the various Android market and Apple's App Store. Security and privacy are not thoroughly tested and unauthorized access to sensitive data has already occurred in both the App Store and the Android Marketplace.

APPLE SOMETIMES APPROVES APPS THEN DISAPPROVES THEM pple has an approval process to place an application into the iTunes store. However, it's not hard to find examples of apps being removed from the store "after" they've been found to behave batly.

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hen an application requests the use of a protec

OS (such as accessing the user's current location) at runtime, the 5 pops up a dialog box in the middle of the app and asks the ser if he/she chooses to allow the application access to the esource. Many apps fail if the user chooses 'no'.

cates your phone when it's lost. This feature is provided by Apple as a leature of its operating system and accompanying

If your phone is lost or stolen you can wipe sensitive data from your device. In the event that the phone is returned, you can

restore the information from the backups on your desktop. When this feature is enabled. 10 failed passcode attempts will automati-

iOS Weakness Example

ivery IOS device running an OS lower than version 4.3.5 is vulnerable to a flaw called SSL MITM which hackers can exploit easily

means that there are millions of

manently exploitable devices out the

Permission-based access control:

Geolocation:

cally erase data from the device.

briline service. Auto Erase:

 Permission-based access control: Android's access control model is different than iOS's: inside the application manifest, there is a static list of permissions that the Android application requests up front. The user is presented with the list at application installation lists. 00

Installing Applications:
The official Geogle marketplace allows remote installation
of applications to your phone. It prompts the phone to
accept the installation, therefore it is not possible to remotely
install and RUN an auto erase or find me type application.

CIORCOD Weakness Example

Android Orphans Millions of Android phones that are

still under contract cannot be update to the latest version of the Android O

Wild West Application Marketplace The application marketplace has lim

ited (if any) security implementation Instead Google chose to allow nearly any application presented to the market to be published for user con-

sumption. Google does not check the security of applications prior to general availability.

Smartphone Manufacturers Can Modify the Phone UI* Google Android is designed to be modified by the carrier releasing the device. Because of this Android devices suffer from additions of software and UI modifications that the smartphone owner doesn't want or need.

on iPhone owner chooses to juilbreak their phone he becomes mo

Phone jailbreaks exploit security holes that may also be exploited b ackers. One example was located in the IPhone PDF parser which ontained a flaw that allowed a document to execute code.

SO YOU GOT A SMARTPHONE FOR CHRISTMAS? Here are 10 ways to protect it from hackers, -







Why ios security is better than android.

There is great debate in the industry as to whether iOS or Android provides the most secure mobile device. In all my conversations with security pros, most, if not all, believe Apple's iOS to be inherently more secure than the Google-built Android. This recent article spells out a number of strengths iOS to be inherently more secure than the Google-built Android in the area of privacy, such as Apple's iOS to be inherently more secure than the Google-built Android. This recent article spells out a number of strengths iOS to be inherently more secure than the Google-built Android. comes to privacy, Google and Apple are almost on extreme opposite ends." However, a new study begs to differ, a report from research firm Omdia caught my attention. The key finding is that the Google Pixel 6 running Android 12 is significantly more secure than the Apple are almost on extreme opposite ends." However, a new study begs to differ, a report from research firm Omdia caught my attention. The key finding is that the Google Pixel 6 running Android 12 is significantly more secure than the Apple are almost on extreme opposite ends." different factors and weighted them in order of importance. The Google Pixel 6 achieved a perfect score of 5.4, while Apple to have better security by a wide margin, I thought it was worth diving into this report and understanding the criteria. One interesting point is that I had always looked at iOS versus Android software; this report did its analysis at the device level, meaning a mix of hardware and software is buggy garbage and Google Pixel 6 Pro: 9 reasons it's not the phone for me | Google Pixel 6 is a perfect score. It's essentially saying the Google Pixel 6 is a perfect device with respect to security, and that's just not true because any device can be breached. Google has been issuing security patches for the phone, indicating there were at least a few issues. Not all sponsored research is bad, but it makes one wonder when coupled with a perfect ranking. The weighting of the security criteria is done by asking consumers to rank the importance of the nine features. While the report does not explicitly say this, I believe the 1,520 respondents were asked to pick their top three because the total percentage adds up to 300%. In my opinion, this is a questionable way to do it because the average end-user is not a security expert. This would be akin to asking a person on the street what safety features are most important in an airplane. I fly a lot, but I have no idea of the relative importance of each feature. The survey should have used a panel of security professionals. Scoring This was also flawed as the scoring in each section was derived from counting the number of features versus meeting the objective of the category. A good way to think about this is that it counted "lick boxes" versus how well those worked. It's certainly not the most effective way to score, and I'll elaborate below. Identity professionals. Scoring This was also flawed as the scoring in each section was derived from counting the number of features versus meeting the objective of the category. A good way to think about this is that it counted "lick boxes" versus how well those worked. It's certainly not the most effective way to score, and I'll elaborate below. Identity professionals. Scoring This was the top-ranked features by users, but the methodology was completely botched. Google scored highest because it is that to one's Gmail account. Users can choose between one-time passwords, FIDO, push notifications, and others, where Apple only has two-factor, so Google got the highest score. What's not told here is that Apple iCloud is the largest and one of the most -- if not the most -- is concessful deployment of two-factor security in the industry. With identity, more isn't always better. Apple also does some interesting things when users have multiple devices; for example, it will inform you if you're logging into your Mac in San Jose while your phone has just been authenticated in Russia. Security updates. The report takes a curious approach to security updates. One of the criteria is how long the vendor commits to providing security updates. It gives Google Pixel 6 a perfective of the criteria is how long the vendor commits to providing security updates. It gives Google Pixel 6 a perfective of the criteria is how long the vendor commits to providing security updates. It gives Google Pixel 6 a perfective of the criteria is how long the vendor commit action security in the industry, which itselfs are showned which your Pictures at the providing updates. The report states at the industry which itselfs are showned which your Pictures at the providing updates. The report states at the providing updates which your Pictures at the providing updates. 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