MSP1 Mobile App Security Code Review

MSP1 | Cyber Security Solutions & Services

MSP1 helps businesses fight cybercrime, protect data and reduce security risk. With cloud and managed security services, integrated technologies and a team of security experts, ethical hackers and researchers, we enable businesses to transform the way they manage their information security and compliance programs.

We deliver automated, sustainable and cost-effective data protection, risk management and threat intelligence to our customers.

With automation, tools and intelligence, we find better ways for businesses to overcome their security challenges. Our qualified security assessors, ethical hackers and other experts are some of the industry's most trusted sources for risk assessments, threat research, forensic investigations, and security training.

Today's internet traffic is moving from desktop browsers to mobile browsers, because of the increased usage of mobile apps. Unfortunately, not all mobile applications are safe; infact they introduce serious cyber security problems for the 'Data in Transit' and the 'Data at Rest'.

Why mobile app security needs to be tested?

Due to a heavy dependency on mobile devices in today's times, users tend to store their precious data on it. Mobile technology uses Android or iOS operating systems. Both of these are vulnerable to security, just as any other operating system. Similarly, mobile apps developed on these operating systems are vulnerable too, just as any other applications. All mobile apps pose a bigger security threat to the data because of the following reasons.

- Data is stored on the device
- Data flows over the wire/wireless

There are no definite standards on how data should be secured while being on mobile. There is not enough awareness on how data should be encrypted while being sent over wire/wireless. MSP1 has a dedicated team of experts to thoroughly investigate mobile application architecture, detect various attack vectors for 'Data at Rest' and 'Data in Transit' scenarios.

What do you get by testing security of mobile app?

Security testing of your mobile app induces the confidence in you and your customer from an application security standpoint. It helps you mitigate security risks of your customer's data. It results in better marketing opportunities for your application in global markets.

Benefits

Mobile App Security testing is a continuous improvement process which is beneficial to the app development firm as well as the app user.

- Protect application from hackers, ill-behaving apps and when device is stolen
- Prevent monetary and reputational loss
- Induce confidence in customer
- Increased ROI for IT investments

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