Effective Risk Analysis and Risk Detection for Android Apps

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Abstract

The features and functionality of the different mobile devices has made them attractive targets for malicious applications. There are different types of risks are present in recent apps. Android’s permission system is intended to inform users about the risks in installing apps. Whenever a user installs an application, he or she has the chance to review the application’s permission requests and cancel the installation if the permissions are imprudent or unacceptable. Basically previous research focus on reliance on users is not so effective, as most of the users don’t understand the permission information. Actually in this work focused on the permission of the particular application. In this work here proposed a system to provide summary risk communication to user in friendly manner which is easy to understand. Finally in this work introduced how to relate risk permissions and risk rating with the risk analysis by using risk score and risk value.

References

Index Terms

Computer Science
Information Sciences
Keywords

Apps permissions, Risk value, and Risk Analysis