

Android and iOS Security - An Analysis and Comparison Report

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Abstract

Today smartphones are so popular that users are fully dependent on them for their daily work. With rapid increase in smartphone applications, it became a tough job for app marketplace like google play store to check an app thoroughly for malwares and malicious content. As a result, users are themselves responsible to choose a safe app for use. Hence, many academic researchers and commercial security companies work on many security models and mechanism to identify these security threats. These works are classified in different categories with respect to its technology and working behavior. This paper stress on security mechanism of Android and iOS mobile operating system. We will compare the security features provided in Android and iOS supported smartphones.

Index terms: Android, iOS, Mobile Application, Smartphone, Security

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