

Mobile Application Testing

Detailed testing in all widespread used platforms iOS, Android, Blackberry & Windows Mobile



Overview

A client software package is installed locally on the mobile device which acts as the front-end for the user. Similar to non-mobile software, ADACOM tries to examine **iOS, Android, Blackberry** and **Windows Mobile** applications and its independencies with the mobile operating system that might introduce potential security threats and vulnerabilities.

Benefits of ADACOM's Mobile Application Testing Service

- Methodology constantly improved to include any new threats.
- Testing in both real device and emulator.
- Expert Team in mobile technologies.
- 3rd Tiered Report of both successful and failed scenarios along with remediation actions.
- Numerous of successful projects concerning iOS, Android, Blackberry and Windows Mobile applications.

Mobile Application Testing Methodology

Application Traffic Analysis

Mobile Applications are more prone to MITM attacks because they are usually accessed over WiFi

Privacy Issues

Important issue is how the application handles user's private information

Local Data Storage

As device theft is becoming an increasing concern, especially in the enterprise, insecure local storage is considered to be the top risk in mobile application threats

Caching

Especially concerning iOS, all the keystrokes entered on an iPhone could potentially get cached for up to 12 months

Reverse Engineering

A faulty or insufficient implementation of the mobile application lifecycle can be the source of many problematic faults

Client-side injections

Client side injection is an interesting problem that can lead to a variety of issues depending on the application and how it operates

Business logic testing

A Business Logic Attack (BLA) is an attack which targets the logic of business application

Report

ADACOM provides a 3-tiered report that contains:

- **Executive Summary** – Summary in a non-technical language along & graphical representation
- **Scenarios Overview** - Summary of the scenarios (failed & successful)
- **Application Overview** – Scenario's (failed & successful) detailed information, remediation actions & evidence.

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