

# Mobile Security Ensured with Alibaba Cloud Mobile Solutions

The most efficient way to ensure secure data security





## Introduction

With businesses constantly adapting to keep up with the rapid emergence of mobile technology and connectivity, enterprise mobility has quickly become now the new normal. Enterprise mobility is indispensable for holistic enhancement of organizations but comes with its own set of challenges, particularly mobile security. Mobile security threats are coming into their own, concerning both volume and capacity to inflict damage. Companies, therefore, need to be aware of the potential threats and take protective measures to ensure multi-device application security.





## Background

Developers often end up neglecting the security of applications during the development stages, due to a constrained timeframe as well as low barriers to entry. Furthermore, the vulnerability of the Android platform cannot be understated. For industries such as finance, healthcare, and gaming, security of mobile applications this is a major concern. The lack of national regulations or industry standards for the development or launch of mobile apps, as well as the popularization of startup culture also aggravates the problem.

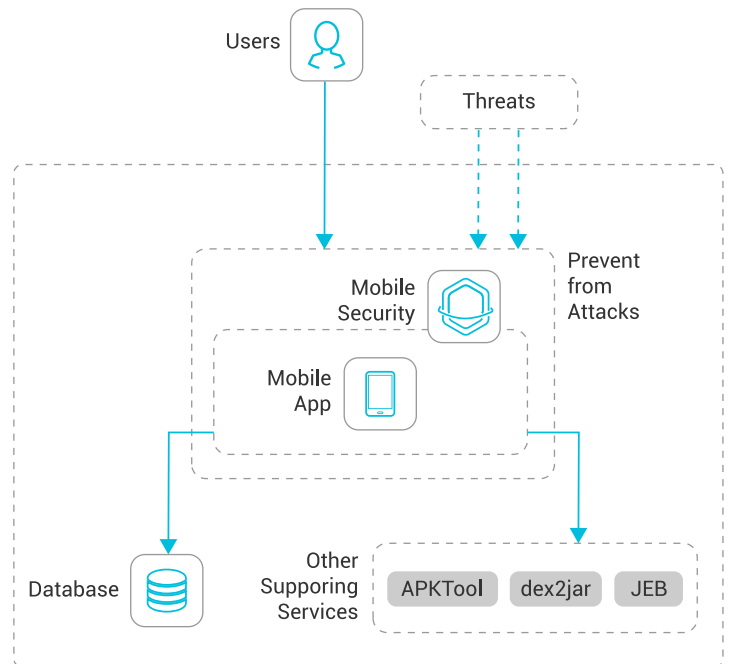
## Highlights

-  Quick application vulnerability detection
-  Application vulnerability resolution
-  Advanced security with application hardening
-  SO shelling

## Benefits

-  Robust scanning
-  Easy to access
-  Comprehensive security protection
-  End-to-end risk management

## Recommended Solution Architecture



The architecture diagram provided above demonstrates the Alibaba Cloud Mobile Security Solution.

Alibaba Cloud Mobile Security is an online security solution for Android applications that protects applications from potential risks, threats, and vulnerabilities. Its extensive Vulnerability Scan and malware protection ensures holistic protection throughout the entire lifecycle of a mobile application. Furthermore, Alibaba Cloud Mobile Security protects applications from exposure to poorly written code, insecure API implementations, and other similar threats.

Mobile Security has two commonly used components: Vulnerability Scan and App Hardening. Vulnerability Scan monitors Android applications, promptly locates vulnerabilities, and provides full restore solutions. It uses static and dynamic scanning methods to discover security vulnerabilities. App hardening enhances the Android application's anti-cracking ability.