

# GIAC Mobile Device Security Analyst



## Online Course

**ZETLAN TECHNOLOGIES**  
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## Course Modules

### 1. Analyzing Mobile Applications

Understandg of techniques to evaluate mobile application binaries and permissions in order to detect potentially harmful behavior.

### 2. Assessing Mobile Application Security

Demonstrate familiarity with using the Mobile Application Security Verification Standard to audit the security of mobile applications.

### 3. Attacking Encrypted Traffic

Demonstrate an understanding of tools and techniques that can exploit SSL/TLS channels and render encryption ineffective during mobile device penetration testing.

### 4. Managing Android Devices and Applications

Demonstrate familiarity with Android configuration, data structure, applications, & security models and how they affect security posture.





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## 5. Managing iOS Devices and Applications

Demonstrate familiarity with iOS configuration, data structure, apps, and security models and how they affect security posture.

## 6. Manipulating Mobile Application Behavior

Demonstrate the understanding of security evasion techniques to test the security of mobile applications in order to detect potentially harmful behavior.

## 7. Manipulating Network Traffic

Demonstrate an understanding of typical techniques a penetration tester can use to manipulate how a mobile device interacts with networks and services to capture and manipulate network traffic.

## 8. Mitigating Against Mobile Malware

Demonstrate how to protect mobile device data, & mitigate against malware targeted to mobile devices.



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For Enquiry: +91 8680961847

## 9. Mitigating Against Stolen Mobile Devices

Demonstrate how to mitigate against the threat of data loss from stolen mobile devices.

## 10. Reverse Engineering Mobile Applications

Demonstrate an understanding of the core concepts associated with reverse-engineering applications on the most commonly used mobile device operating systems.

## 11. Unlocking and Rooting Mobile Devices

Demonstrate understanding of the concept and processes behind rooting, jailbreaking, and unlocking mobile devices and the security ramifications.

Zetlan Technologies

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REMOTELY!!**

The efficiency of online learning in terms of time management, flexibility, and the ability to access resources anytime, anywhere can be compelling.



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