

# Mobile Hacking and Security

Be an InfoRisk 360° Mobile Security Specialist Today!

## What Makes This Training So Different?

We assess your mobile application to find vulnerabilities



What is the uniqueness?

### Pre-training

#### Security Assessment with Analysis Report

No other training providers did this before and we are the first! Prior to the training, ZEBRAGUARD | Scan security engineers will conduct a mobile application security assessment and provide a security analysis report on your mobile application.

#### Understanding Your Mobile Application

You will get a clear understanding on the hidden risks and security of your mobile application.

Powered by:



Train you to fix



How will you learn?

### Actual training

#### Hands-on Session

You will learn and improve your technical skills to test and secure mobile applications and devices.

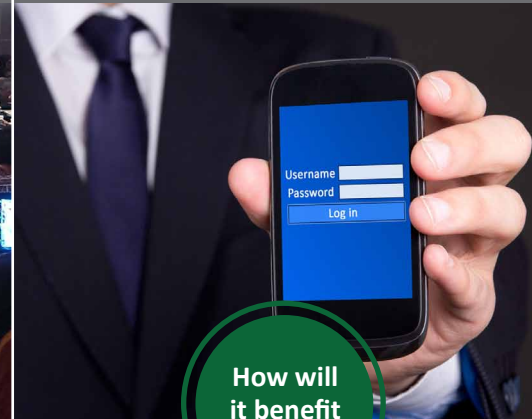
#### Solution-Driven

You will have the opportunity to focus and get professional consultation from trainer based on the challenges you face in the security analysis report on your mobile application.

#### Real-world Scenario Lab

You will practise and sharpen your skills by applying it in real-world scenarios set in InfoRisk 360° security lab.

Secure your mobile application



How will it benefit you?

### Post-training

#### Skills Application

You will be able to understand and fix the vulnerabilities of your mobile application listed in the security analysis report.

#### Mastering Mobile Security

You will be able to master advanced techniques to secure and conduct security assessment on mobile application.

## Course Description:

This Mobile Hacking and Security training exposes the mobile hacking techniques and countermeasures for iOS and Android. Throughout the 4-day session, you will also get to practise how to analyze and evaluate mobile application threats as well as exploring how the attackers identify weaknesses. This intensive mobile hacking training is designed to equip you with the required knowledge and skills in securing mobile devices, mobile applications and mobile networks of their organization. You will also gain a deeper understanding on how to conduct mobile penetration testing and how to support BYOD infrastructures.

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## Learning Outcomes:

- Enable you to understand and communicate the mobile security risks associated with hacking and other exploits
- Discover real-world mobile hacking techniques and countermeasures
- Sharpen up your technical skills and learn to fix the mobile application vulnerabilities
- Learn to perform a mobile penetration testing on own deployment and evaluate mobile security threats and possible exploits
- Enable you to develop and design a secure mobile application
- Enable you to tackle real-life scenarios and apply new skills to the job with ease

## Who Should Attend:

Penetration tester, ethical hacker, mobile application developer, information security personnel, anyone who deals with implementation, testing, and securing mobiles devices

## Duration

4 Days

## Course Outline:

- Android Basics
- Android Penetration Testing Lab Setup
- Hello World in Android
- Android Security Model
- Reverse Engineering
- Android Traffic Analysis
- Android Application Penetration Testing
- Automated Assessments on Android Applications
- Android Forensic
- iOS Basics
- iOS Penetration Testing Lab Setup
- Setting Up Xcode
- iOS Security Model
- iOS Traffic Analysis
- iOS Application Penetration Testing
- iOS Forensic
- Remote Attacks on Mobile Devices
- Introduction to BYOD
- Enterprise Mobile Security