VISIONCORP
smart solutions for smart people

Beyond IT Security Training.
We Train Differently

Mobile Application Hacking & Security



We assess your mobile application to find vulnerability

Train you to fix

Secure your mobile application

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, our security engineers will conduct a security assessment and provide a security analysis report on your mobile application.

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

How will you learn?

During the training

Hands-on Session
You will learn and improve your technical skills to test and secure a mobile application.

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.

Live Hacking and Penetration Testing
You will practice and sharpen your skills by applying it in live 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.

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

Course Description

This training exposes the mobile application hacking techniques and countermeasures for iOS and Android.

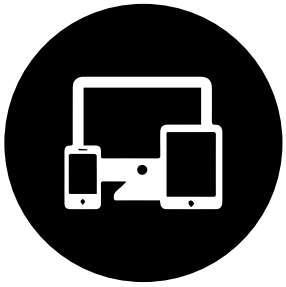
Throughout the 4-day session, you will also get to practise how to analyze and evaluate mobile application threats as well as exploring how the attackers identify weaknesses.

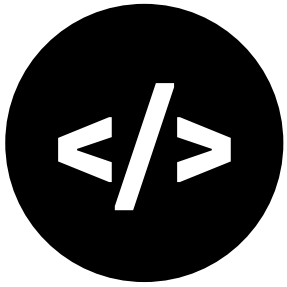
This intensive mobile hacking training is designed to equip you with the required knowledge and skills in securing mobile devices, mobile applications and mobile networks of your organization.

You will also gain a deeper understanding on how to conduct mobile application penetration testing and how to support BYOD infrastructures.

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






Learning Outcomes

- Enable you to understand and communicate the mobile application security risks associated with hacking and other exploits
- Discover real-world mobile application hacking techniques and countermeasures
- Sharpen up your technical skills and learn to fix mobile application vulnerabilities
- Learn to perform a mobile application security risk assessment and penetration testing to evaluate mobile application 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

Duration

4 Days

Exam Details

Number of Questions: 50

Passing Score: 70%

Test Duration: 85 mins Exam + 5 mins NDA

Test Format: Multiple Choice

Test Delivery: PVTC (Pearson VUE Test Center)

Exam Prefix: CZ 300

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Who Should Attend

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

Certified Mobile Application Security Specialist (CMASS)

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