



Android Application Penetration Testing

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Course Content

- Mobile application penetration testing resources
- Testing Process
 - Web Application Penetration Testing Process
 - Android Penetration Testing Process
- Android Penetration Testing walkthrough with setup

Android Penetration Testing – Lab Setup

- Android Security Architecture
- Basic of Android Security
- Lab Environment setup
 - Kali Linux
 - JDAX-GUI
 - Apktool
 - MobSF

Android Penetration Testing – Static Analysis of apk

- Any Vulnerable apk available open source
- Static Analysis
 - Android Manifest
 - Activities
 - Content Providers
 - Firebase
 - Storage Buckets
 - Automated analysis using MobSF framework
 - Stored Secrets/ API Keys

Android Penetration Testing – Dynamic Analysis of apk

- Introduction to SSL Pinning
 - Bypassing SSL Pinning with BurpSuite
- Introduction to Frida/Objection
 - Working with Frida
 - Working with Objection
 - Reverse engineering of apk
- Dumping Memory and Sensitive Data
- Run time local storage analysis

See you on next chapter of this series

