



Mobile Phone Security



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Tools and Vulnerable Android Application for Android Application Security PenTesting

Tools and Vuln Application

- ✓ Why Do we need tools and Vulnerable Application ?
 - ✓ OWASP TOP 10
 - ✓ Vulnerable Applicaiton
 - ✓ Tools and Technology to test it

OWASP mobile top 10 security risks

- ✓ M1 - Improper Platform Usage
- ✓ M2 - Insecure Data Storage
- ✓ M3 - Insecure Communication
- ✓ M4 - Insecure Authentication
- ✓ M5 - Insufficient Cryptography
- ✓ M6 - Insecure Authorization
- ✓ M7 - Client Code Quality
- ✓ M8 - Code Tampering
- ✓ M9 - Reverse Engineering

- ✓ Android Vulnerable Application
 - ✓ DIVA - Damn insecure and vulnerable App
 - ✓ InsecureBankv2
 - ✓ OWASP GoatDroid
 - ✓ OWASP Security Shepherd

- ✓ Security Pen-Testing
 - ✓ Manual Security Pen-Testing – Through interface or interceptions
 - ✓ Burp Suit
 - ✓ Drozer
 - ✓ Mobsf



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