Android Secure Coding

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Headlines:

Anatomy of Android Application

Android App Reverse Engineering

Smali Patching

Insecure Logging

Intent Injection

Insecure Broadcast Receiver

Insecure Service

Hardcoded Credentials

SQL Injection

Insecure Shared Preferences

Insecure Webview

Weak Cryptography

Arbitrary Code Execution

Insecure Content Provider

Insecure Deserialization

Security Solutions:

Obfuscation

Check Usb Debugging

Root Checks

Emulator Detector

SSL Pinning

Android App Reverse Engineering

Tools :

Mobile Security Framework (MobSF)
Jadx
Android Studio Emulator
Genymotion
Frida

Smali Patching

Lab 01

Intent Injection

Lab 02

Insecure Broadcast Receiver

Lab 03

Insecure Service

Lab 04

Insecure Content Provider

Lab 05

Insecure Logging

Lab 06

Hardcoded Credentials

Lab 07

Lab 08

Insecure Shared Preferences

Lab 09

Weak Cryptography

Lab 10

Insecure Webview

Lab 11

Insecure Deserialization

Lab 12

Arbitrary Code Execution

Lab 13

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