

eMAPT

eLearnSecurity Mobile Application Penetration Tester

The eLearnSecurity Mobile Application Penetration Tester (eMAPT) certification is issued to cyber security experts that display advanced mobile application security knowledge through a scenario-based exam.



WHY eMAPT?

Here are some ways the eLearnSecurity Mobile Application Penetration Tester certification is different from conventional certifications:

- Ensures that you have a strong understanding of theoretical aspects behind mobile application security.
- Tests a candidate's ability to identify and exploit vulnerable mobile applications through a 100% practical exam.
- Not only must you try different methodologies to conduct a thorough penetration test, you are also asked to write a complete working exploit.
- Only individuals who provide proof of their findings in addition to writing a working exploit are awarded the eMAPT Certification.

KNOWLEDGE DOMAINS

By obtaining the eMAPT, your skills in the following areas will be assessed and certified:

- Information Gathering
- Reverse engineering Android applications
- Exploit Android vulnerabilities
- Applied security principles
- Logic flaws
- Exploit development for Android environments
- Encryption and cryptography
- Identify vulnerable implementations

PREREQUISITES

eMAPT is a certification for individuals with a complex understanding of mobile application vulnerabilities and exploits. Everyone can attempt the certification exam; however, here are the advised skills to possess for a successful outcome:

- Letters of engagement and the basics related to a penetration testing engagement
- Android applications architecture, security mechanisms and components
- Vulnerability assessments of mobile applications
- Performing Android application reverse engineering and algorithm analysis
- Encryption/decryption algorithms
- Performing manual exploitation

THE EXAM

eLearnSecurity's eMAPT is the only certification for mobile security experts that evaluates your practical abilities through a real world engagement.

eLearnSecurity's eMAPT is a hands-on challenge. Students will receive a real-world scenario of two Android applications to analyze and pentest. The final deliverable is a working and reproducible proof of concept that is reviewed by INE's course instructors.