



Introduction



4.1 Introduction

- + In this module, you will learn the basic principles of **Penetration Testing**.
- + A penetration tester, much like an experienced hacker, performs a deep investigation of the remote system's security flaws. This activity requires methodology and skills!

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- + Penetration testers, unlike hackers, must **test for any and all vulnerabilities**, not just the ones that may grant them root access to a system. **Penetration testing is not about getting root!**
- + Furthermore, Penetration Testers cannot destroy their client's infrastructure; professional pentesting requires a thorough understanding of attack vectors and their potential.

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- + In this module, you will see the **process** behind a penetration test, starting from the initial engagement to the final report.
- + This module will help you better understand the scope of attacks and techniques you will learn during the *Penetration Testing* section of this course!