

Vulnerability Scanning and Penetration Testing – Module

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1. Vulnerability Scanning and Penetration Testing – Module

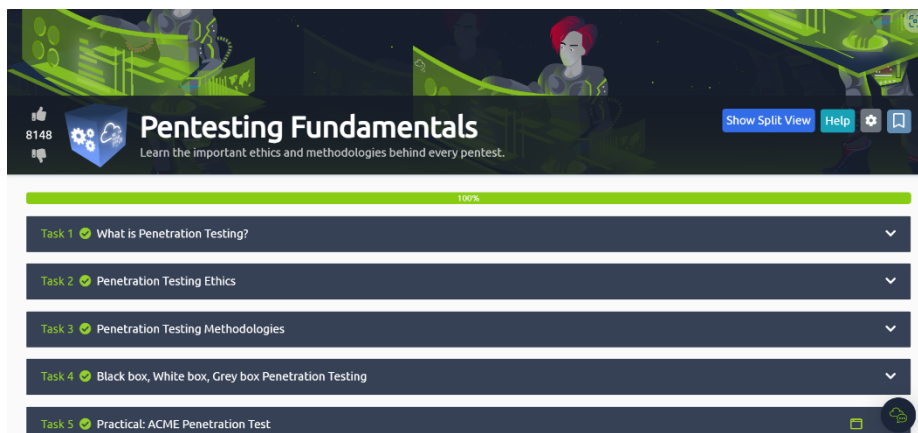
1.1 Introduction to Vulnerabilities

The goal of this module is to familiarize students with common vulnerability terminology, resources, and processes. The associated tasks include an introduction to the module and its contents, an explanation of vulnerabilities and different types of vulnerabilities, exploits and their use cases, and deploying the in-browser site to demonstrate penetration testing.



1.2 Pentesting Fundamentals

The module offers further penetration testing information. It starts with an introduction to penetration testing and its ethical classifications before moving on to penetration testing methodologies, types, and an in-browser site to demonstrate proper penetration testing.



1.3 Metasploit: Introduction

The final module introduces Metasploit, its use cases, and command usage. The in-browser Linux machine allows for command execution from prompts in the tasks, such as set, unset, setg, search, info, exploit, and more. The module concludes by reiterating the learning objectives and introducing the next module.

