

CompTIA PenTest + (Exam PT0-002)

Course Outline

Description

The Official CompTIA PenTest+ Student Guide (PT0-002) have been developed by CompTIA for the CompTIA PenTest+ candidate. Rigorously evaluated to validate coverage of the CompTIA PenTest+ (PT0-002) exam objectives, The Official CompTIA PenTest+ Instructor and Student Guides teach the knowledge and skills to understand how to plan and scope a penetration testing engagement including vulnerability scanning, understand legal and compliance requirements, analyze results, and produce a written report with remediation techniques and prepare candidates to take the CompTIA PenTest+ certification exam. What's included:

- Content mapped to PenTest+ exam objectives (PT0-002)
- Videos present real-world cybersecurity scenarios from experts' experience
- Practice questions that check for understanding
- Access to the CompTIA Learning Center

Objective

After you complete this course, you will be able to plan, conduct, analyze, and report on penetration tests. You will:

- Plan and scope penetration tests.
- Conduct passive reconnaissance.
- Perform non-technical tests to gather information.
- Conduct active reconnaissance.
- Analyze vulnerabilities.
- Penetrate networks.
- Exploit host-based vulnerabilities.
- Test applications.
- Complete post-exploit tasks.
- Analyze and report pen test results

Audience

This course is designed for IT professionals who want to develop penetration testing skills to enable them to identify information-system vulnerabilities and effective remediation techniques for those vulnerabilities. Target students who also need to offer practical recommendations for action to properly protect information systems and their contents will derive those skills from this course.

This course is also designed for individuals who are preparing to take the CompTIA PenTest+ certification exam PT0-002, or who plan to use PenTest+ as the foundation for more advanced security certifications or career roles. Individuals seeking this certification should have three to four years of hands-on experience performing penetration tests, vulnerability assessments, and vulnerability management

Topics

- Scoping Organizational/Customer Requirements
- Defining the Rules of Engagement
- Footprinting and Gathering Intelligence
- Evaluating Human and Physical Vulnerabilities
- Preparing the Vulnerability Scan
- Scanning Logical Vulnerabilities
- Analyzing Scanning Results
- Avoiding Detection and Covering Tracks
- Exploiting the LAN and Cloud
- Testing Wireless Networks
- Targeting Mobile Devices
- Lesson 12 Systems
- Web Application-Based Attacks
- Performing System Hacking

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Course Outline (cont'd)

- Scripting and Software Development
- Leveraging the Attack: Pivot and Penetrate
- Communicating During the PenTesting Process
- Summarizing Report Components
- Recommending Remediation
- Performing Post-Report Delivery Activities
- Appendix A: Mapping Course Content to CompTIA PenTest+ (PT0-002)

Prerequisite

While there is no required prerequisite, PenTest+ is intended to follow CompTIA Security+ or equivalent experience and has a technical, hands-on focus. Recommended experience in Network+, Security+ or equivalent knowledge. Minimum of 3-4 years of hands-on information security or related experience.

Duration

Five Days