

# CompTIA Pentest+ Certification Training (PT0-003)

## Course Overview

The CompTIA Cybersecurity Career Pathway includes PenTest+ as an intermediate level certification. Test takers will prove their mastery of penetration testing skills required at the 3 to 4-year experience level. The PenTest+ certification prepares those certified for job roles including Penetration Testers and Security Consultants. They are typically charged with conducting penetration testing and vulnerability management tasks.

## Course Objectives

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 penetration test results

## Target Student

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 PT0-003, 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.

## Course Prerequisites

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.

## Associated Certifications

Pentest+

## Table of Contents

- Penetration Testing: Before You Begin
- Applying Pre-Engagement Activities
- Enumeration and Reconnaissance
- Scanning and Identifying Vulnerabilities
- Conducting Pentest Attacks
- Web-Based Attacks
- Enterprise Attacks
- Specialized Attacks
- Performing Penetration Testing Tasks
- Reporting and Recommendations
- CompTIA PenTest+ PT0-003 Practice Exams

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