

# CompTIA PenTest+

Duration 5 Days



## COURSE DESCRIPTION

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.

### Learn Benefits:

- Individuals who pass the exam prove their ability to perform the intermediate-level duties of a penetration tester or security consultant. Skills include scoping and engagement, compliance, vulnerability scanning and analysis, exploits, communication, and remediation.
- Earning a PenTest+ certification gives learners an internationally recognized, vendor-neutral credential. Demonstrating their competency in penetration testing, vulnerability assessment, and reporting.
- Information security threats are rising around the world, leaving organizations increasingly concerned over the lack of adequately trained IT security staff. A PenTest+ certification qualifies learners to perform the penetration testing and vulnerability assessment needs of employers.

## COURSE OBJECTIVES

After completing this course, you will accomplish the following:

- 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

## Learner Outcomes

- **Demonstrate competency of current trends:** Unlike other penetration testing exams that only cover portion of stages, CompTIA PenTest+ uses both performance-based and knowledge-based questions to ensure all stages are mastered.
- **Prove knowledge of the latest techniques:** CompTIA PenTest+ is the only product on the market covering artificial intelligence (AI), hands-on inventory, scanning and analysis, attacks, lateral movement, as well as planning, scoping, and vulnerability management.
- **Perform hands-on tasks:** CompTIA PenTest+ requires a candidate to demonstrate key pen testing skills for all attack surfaces, including the cloud, web apps, APIs, IoT, on-premises and hybrid network environments.

## COURSE OUTLINE

- Lesson 1: Penetration Testing: Before You Begin**
- Lesson 2: Applying Pre-Engagement Activities**
- Lesson 3: Enumeration and Reconnaissance**
- Lesson 4: Scanning and Identifying Vulnerabilities**
- Lesson 5: Conducting Pentest Attacks**
- Lesson 6: Web-Based Attacks**
- Lesson 7: Enterprise Attacks**
- Lesson 8: Specialized Attacks**
- Lesson 9: Performing Penetration Testing Tasks**
- Lesson 10: Reporting and Recommendations**

## WHO SHOULD ATTEND

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 PTO-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.

- Penetration Tester
- Security Consultant
- Cloud Penetration Tester
- Web App Penetration Tester
- Cloud Security Specialist
- Network & Security Specialist
- Information Security Engineer
- Vulnerability Analyst

## PREREQUISITES

Recommended experience: 3–4 years in a penetration

## EXAM DETAILS

- Number of questions: Maximum of 90
- Type of questions: Multiple choice and performance based
- Length of test: 165 minutes
- Passing score: 750 (on a scale of 100)