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**Learning Style:** On Demand

**Technology:** CompTIA

**Difficulty:** Intermediate

**Course Duration:** 9 Hours

## CompTIA PenTest+ (Exam PT0-002)



### About this Course:

PenTest+ is unique because our certification requires a candidate to demonstrate the hands-on ability and knowledge to test devices in new environments such as the cloud and mobile, in addition to traditional desktops and servers.

## Course objectives:

- The CompTIA PenTest+ certification verifies that successful candidates have the knowledge and skills required to plan and scope an assessment
- Understand legal and compliance requirements, perform vulnerability scanning and penetration testing.
- Analyze data, and effectively report and communicate results.

## Audience:

- Security Analysts
- Penetration Testers
- Vulnerability Testers
- Network Security Operations
- Application Security Vulnerability Testers

## 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.

## Course Outline:

- Course Introduction
- Lesson 1: Scoping Organizational/Customer Requirements
- Lesson 2: Defining the Rules of Engagement
- Lesson 3: Footprinting and Gathering Intelligence
- Lesson 4: Evaluating Human and Physical Vulnerabilities
- Lesson 5: Preparing the Vulnerability Scan
- Lesson 6: Scanning Logical Vulnerabilities
- Lesson 7: Analyzing Scanning Results
- Lesson 8: Avoiding Detection and Covering Tracks
- Lesson 9: Exploiting the LAN and Cloud
- Lesson 10: Testing Wireless Networks
- Lesson 11: Targeting Mobile Devices
- Lesson 12: Attacking Specialized Systems
- Lesson 13: Web Application-Based Attacks
- Lesson 14: Performing System Hacking
- Lesson 15: Scripting and Software Development
- Lesson 16: Leveraging the Attack: Pivot and Penetrate
- Lesson 17: Communicating During the PenTesting Process
- Lesson 18: Summarizing Report Components
- Lesson 19: Recommending Remediation
- Lesson 20: Performing Post-Report Delivery Activities