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Learning Style: On Demand

Technology:

Difficulty: Intermediate

Course Duration: 12 Hours

CompTIA Pentest+



This course is for professionals planning to enroll in the PTA-001 Exam leading to the PTA-001 Certification. The official exam voucher is not included in this course. However, the official exam voucher can be purchased separately on request.

About this Course:

The CompTIA PenTest+ course is designed for Security Analysts and Network Security Operators who want to learn the art of implementing high-level penetration testing practices. This intermediate-level course presents a great learning opportunity for professionals who want to understand the art of scoping and planning a security assessment. This course is meant to follow the CompTIA Security+ Course and emphasizes mainly on the niche of penetration testing.

This course also provides an overview of working within compliance and legal requirements to implement top-notch information security in a business enterprise and organization. Professionals also learn the key concepts of vulnerability scanning and get to know the basics of Data Analysis and Reporting Security vulnerabilities. The primary objective of this course is to prepare professionals and students to succeed in the PTA-001 Exam and successfully achieve PTA-001 Certification. Professionals will gain practical experience of penetration testing best practices and will attain the conceptual knowledge of working in mobile and cloud environments.

Course Objectives:

The core objective of this course is to help professionals gain a better understanding and conceptual knowledge of the following key elements:

- Develop Advance-Level Skills for Scoping and Planning an Assessment
- Fundamentals of Compliance and Legal Requirements
- Vulnerability Scanning and Penetration Testing
- Data Analysis, Reporting, and Effective Communication of Results \

Audience:

- Network Security Operators
- Security Analysts
- Vulnerability & Penetration Testers
- Application Security Testers

Prerequisite:

Professionals planning to enroll in the CompTIA PenTest+ course are recommended to have surface knowledge of the following skills or equivalent experience:

- Technical Knowledge of CompTIA Security+
- Basic Understanding of Network+ Security+ is recommended but not obligatory

- Minimum 3 to 4 years of working experience in Information Security

Course Outline:

- **Course Introduction**
- **Module 1: Planning and Scoping Penetration Tests**
- **Module 2: Conducting Passive Reconnaissance**
- **Module 3: Performing Non-Technical Tests**
- **Module 4: Conducting Active Reconnaissance**
- **Module 5: Analyzing Vulnerabilities**
- **Module 6: Penetrating Networks**
- **Module 7: Exploiting Host-Based Vulnerabilities**
- **Module 8: Testing Applications**
- **Module 9: Completing Post-Exploit Tasks**
- **Module 10: Analyzing and Reporting Pen Test Results**