Compuserve Pvt Ltd.

Course Duration : 40 Hrs

CompTIA
PenTest+ Student Guide (Exam PT0-001)

COURSE BROCHURE

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Overview

Security remains one of the hottest topics in IT and other industries. It seems that each week brings news of some new breach of privacy or security. As organizations scramble to protect themselves and their customers, the ability to conduct penetration testing is an emerging skill set that is becoming ever more valuable to the organizations seeking protection, and ever more lucrative for those who possess these skills. In this course, you will be introduced to some general concepts and methodologies related to pen testing, and you will work your way through a simulated pen test for a fictitious company.

This course can also assist you if you are pursuing the **CompTIA PenTest+ certification**, as tested in **exam PT0-001**. The course is designed to provide content and activities that correlate to the exam objectives, and therefore can be a resource as you prepare for the examination.

Course 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 Profile

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 PT0-001**, 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.

Prerequisites

To ensure your success in this course, you should have:

- Intermediate knowledge of information security concepts, including but not limited to identity and access management (IAM), cryptographic concepts and implementations, computer networking concepts and implementations, and common security technologies.
- Practical experience in securing various computing environments, including small to medium businesses, as well as enterprise environments.

You can obtain this level of skills and knowledge by taking the **CompTIA® Security+® (Exam SY0-501) course** or by obtaining the appropriate industry certification.

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Topic B: Test Source Code and Compiled Apps

Lesson 9: Completing Post-Exploit Tasks

Topic A: Use Lateral Movement Techniques

Topic B: Use Persistence Techniques

Topic C: Use Anti-Forensics Techniques

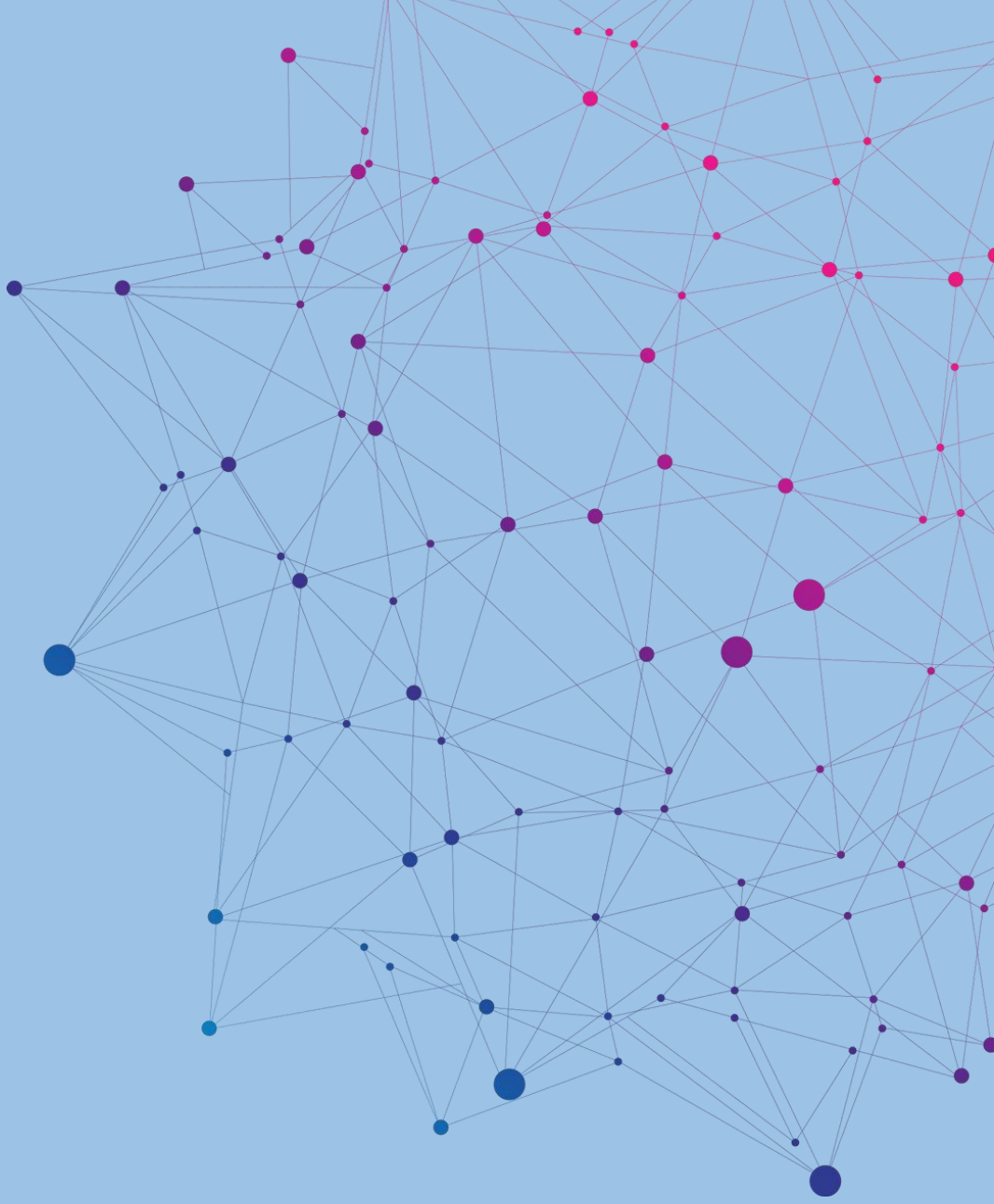
Lesson 10: Analyzing and Reporting Pen Test Results

Topic A: Analyze Pen Test Data

Topic B: Develop Recommendations for Mitigation Strategies

Topic C: Write and Handle Reports

Topic D: Conduct Post-Report-Delivery Activities



Our Students Testimonials

CONTACT US

Mobile : +91 9940068251 / 58251

Mail : ramesh@cometcompuserve.com / ilanchezhian@cometcompuserve.com