

# CompTIA

# PenTest+



# **CompTIA PenTest+ Certification Training Syllabus**

## **Chapter 1 - planning and scoping**

Topic 1 - Compare and contrast governance, risk, and compliance concepts

Topic 2 - Explain the importance of scoping organizations/customer requirements

Topic 3 - Given a scenario, demonstrate an ethical hacking mindset by maintaining professionalism and integrity.

## **Chapter 2 - Information gathering and vulnerability scanning**

Topic 1 - Given a scenario, perform passive reconnaissance

Topic 2 - Given a scenario, perform active reconnaissance

Topic 3 - Given a scenario, analyze the results of a reconnaissance exercise

Topic 4 - Given a scenario, perform vulnerability scanning

## **Chapter 3 - Attacks and Exploits**

Topic 1 - Given a scenario, research attack vectors and perform network attacks

Topic 2 - Given a scenario, research attack vectors and perform wireless attacks

Topic 3 - Given a scenario, research attack vectors and perform application-based attacks

Topic 4 - Given a scenario, research attack vectors and perform attacks on cloud technologies

Topic 5 - Explain common attacks and vulnerabilities against specialized systems

Topic 6 - Given a scenario, perform a social engineering or physical attack

Topic 7 - Given a scenario, perform post-exploitation techniques

## **Chapter 4 - Reporting and Communication**

Topic 1 - Compare and contrast important components of written reports

Topic 2 - Given a scenario, analyze the findings and recommend the appropriate remediation within a report

Topic 3 - Explain the importance of communication during the penetration testing process

Topic 4 - Explain post-report delivery activities

## **Chapter 5 - Tools and Code Analysis**

Topic 1 - Explain the basic concepts of scripting and software development

Topic 2 - Given a scenario, analyze a script or code sample for use in a penetration test

Topic 3 - Explain use cases of the following tools during the phases of a penetration test

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