C|PENT

Certified Penetration Testing Professional

A Step By Step Guide To Level Up Your Career On CYBER SECURITY



Course Highlights & Exam Information

CPENT



Exam Information

Exam Name	CPENT Theory (MCQ)
Exam Format	MCQ Questions
No. Of Questions	150 Questions
Exam Duration	Choose Between A24-hour Exam Or A Flexible Format Of Two 12-hour Sessions

Introducing Certified Penetration Testing Professional CPENT

- Join Cyber Defentech's Ec-council CPENT Training And Certification In Delhi — A Globally Recognized Program Designed To Teach You How To Perform Comprehensive Penetration Testing Within Real-world Enterprise Networks. You'll Learn To Attack, Exploit, Evade, And Defend Complex Systems To Uncover Vulnerabilities And Enhance Organizational Security.

- At Cyber Defentech, Learners Are Guided By Elite Cybersecurity Professionals With Years Of Proven Expertise In Penetration Testing And Information Security. This Career-defining Training Experience Is The Perfect Path For Anyone Looking To Excel In Ethical Hacking And Advanced Cyber Defense.



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Modules CPENT

Module 01

Introduction to Penetration Testing and Methodologies:

- Understanding Penetration Testing concepts
- Learning penetration testing phases and methodologies
- Identifying vulnerabilities in systems and networks
- Simulating real-world cyber attack scenarios
- Analyzing security risks and weaknesses
- Strengthening overall security posture

Module 02

Penetration Testing Scoping and Engagement

- Understanding Penetration Testing scoping and engagement concepts
- Defining testing objectives and target scope
- Identifying rules of engagement and compliance requirements
- Planning assessment strategies and methodologies
- Managing risks and maintaining ethical practices

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Modules CPENT

Module 03

Open-Source Intelligence (OSINT)

- Understanding Open-Source Intelligence concepts
- Collecting publicly available information
- Analyzing data from online sources
- Identifying potential security risks
- Supporting investigation and reconnaissance activities

Module 04

Social Engineering Penetration Testing

- Understanding Social Engineering in penetration testing
- Simulating human manipulation-based attacks
- Identifying human vulnerabilities in security
- Testing awareness against phishing and impersonation
- Strengthening organizational security awareness

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Module 05

Web Application Penetration Testing

- Understanding Web Application Security testing concepts
- Identifying vulnerabilities in web applications
- Testing for common flaws like injection and XSS
- Simulating real-world attack scenarios
- Strengthening application security and defense mechanisms

Module 06

Perimeter Defense Evasion Techniques

- Understanding Perimeter Defense evasion techniques
- Identifying weaknesses in firewalls and IDS/IPS
- Simulating bypass methods used by attackers
- Testing network security monitoring effectiveness
- Strengthening perimeter security controls

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Module 07

API and Java Web Token Penetration Testing

- Understanding API Security and JWT concepts
- Testing API endpoints for security vulnerabilities
- Identifying flaws in authentication and authorization
- Analyzing JSON Web Token (JWT) security issues
- Strengthening API security and access controls

Module 08

Windows Exploitation and Privilege Escalation

- Understanding Privilege Escalation concepts
- Exploiting Windows system vulnerabilities
- Gaining higher-level user privileges
- Identifying misconfigurations and weak permissions
- Strengthening system security and access controls

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Module 09

Active Directory Penetration Testing

- Understanding Active Directory Security concepts
- Identifying vulnerabilities in domain environments
- Testing authentication and privilege escalation paths
- Simulating real-world domain attack scenarios
- Strengthening Active Directory security controls

Module 10

Reverse Engineering, Fuzzing, and Binary Exploitation

- Understanding Reverse Engineering concepts
- Analyzing software behavior and logic
- Identifying vulnerabilities using fuzzing techniques
- Testing binaries for security weaknesses
- Exploiting low-level system and application flaws

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Module 11

Linux Exploitation and Privilege Escalation

- Understanding Privilege Escalation in Linux systems
- Exploiting Linux misconfigurations and vulnerabilities
- Gaining higher-level system privileges
- Identifying weak permissions and insecure services
- Strengthening Linux system security and access control

Module 12

Lateral Movement and Pivoting

- Understanding Lateral Movement concepts
- Moving across systems within a network
- Exploiting compromised hosts for deeper access
- Using pivoting techniques to reach internal targets
- Identifying network segmentation weaknesses
- Strengthening internal network security and controls

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Module 13

IoT Penetration Testing

- IoT Architecture & Attack Surface
- Device and Firmware Security Testing
- IoT Network Vulnerability Assessment
- API, Mobile App & Cloud Testing
- IoT Exploitation and Security Hardening

Module 14

Report Writing and Post-Testing Actions

- Professional Penetration Testing Reports
- Risk Rating and Impact Analysis
- Evidence and Proof-of-Concept Documentation
- Remediation Planning and Recommendations
- Retesting, Validation and Final Closure

Why Choose Us?

We provide the best CPENT training in india with expertinstructors, official Ec-Council certification, andgovernment-recognized training. our courses include flexible online and offline options, personal guidance, and special corporate programs to build real-world cybersecurity skills. join us to start your journey withthe best support and practical knowledge!

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