

## OSCP (OFFENSIVE SECURITY CERTIFIED PROFESSIONAL)

*"Master Ethical Hacking with the Industry's Most Respected Penetration Testing Certification"*

### Schedule

| Date             | Venue      | Fees (Face-to-Face)   |
|------------------|------------|-----------------------|
| 13 - 17 Jul 2026 | Dubai, UAE | USD 3495 per delegate |

► **Available delivery methods:** Face-to-Face & Online Training

### Introduction

The Offensive Security Certified Professional (OSCP) is a globally recognized ethical hacking certification that demonstrates practical, hands-on penetration testing skills. This 5-day bootcamp-style training prepares participants to earn the OSCP by teaching advanced hacking methodologies, network penetration techniques, and exploit development—within a controlled, legal, and ethical framework.

This course is ideal for professionals looking to enhance their offensive security expertise, pursue careers in penetration testing, or meet cybersecurity compliance and red teaming requirements.

### Objectives

By the end of this course, participants will be able to:

- Understand the full penetration testing process, from reconnaissance to exploitation
- Discover and exploit vulnerabilities in Linux and Windows environments
- Develop and customize exploits, payloads, and privilege escalation techniques
- Practice lateral movement, persistence, and data exfiltration
- Prepare for and attempt the 24-hour OSCP certification exam

## Why Attend

- Gain deep hands-on skills in ethical hacking and penetration testing
- Learn real-world techniques used by threat actors and red teams
- Prepare for the OSCP exam through guided labs and expert instruction
- Enhance your career profile with a globally respected certification
- Strengthen your ability to defend systems by learning how attackers operate

## Target Audience

This program is designed for:

- Cybersecurity professionals and ethical hackers
- Penetration testers and red team specialists
- Security analysts and incident responders
- IT administrators seeking offensive security expertise
- Professionals preparing for the OSCP certification

## Individual Benefits

Key competencies that will be developed include:

- Vulnerability assessment and exploitation
- Post-exploitation tactics and privilege escalation
- Active Directory enumeration and attacks
- Report writing and documentation of security findings
- Use of Kali Linux, Metasploit, and custom scripting

## Organizational Benefits

Upon completing the training course, participants will demonstrate:

- Stronger internal red teaming and security assessment capabilities
- Improved preparedness for external penetration testing and compliance audits
- Enhanced technical security posture through advanced testing skills
- Reduced exposure to real-world cyber threats and exploits
- Better collaboration between offensive and defensive cybersecurity teams

## Instructional Methodology

The course follows a blended learning approach combining theory with practice:

- Strategy Briefings - Ethical hacking frameworks, attack vectors, OSCP standards
- Case Studies - Real-world breaches, exploitation chains, post-mortems
- Labs - Hands-on penetration testing in dedicated virtual environments
- Peer Exchange - Red vs blue team knowledge sharing
- Tools - Kali Linux, Nmap, Netcat, Burp Suite, Metasploit, custom scripts

## Course Outline

**Training Hours: 7:30 AM - 3:30 PM** Daily Format: 3-4 Learning Modules | Coffee breaks: 09:30 & 11:15 | Lunch Buffet: 01:00 - 02:00

### Day 1: Foundations of Offensive Security

- Module 1: Introduction to Penetration Testing and OSCP Methodology (07:30 - 09:30) • Legal scope, testing phases, ethics, tools overview
- Module 2: Information Gathering and Enumeration (09:45 - 11:15) • DNS, whois, scanning, service discovery
- Module 3: Vulnerability Scanning and Analysis (11:30 - 01:00) • Nikto, Nmap, open ports and service vulnerabilities
- Module 4: Lab - Perform Enumeration on Target Machine (02:00 - 03:30) • Mapping services and attack surface

### Day 2: Exploitation Techniques

- Module 5: Exploiting Linux Systems (07:30 - 09:30) • Buffer overflows, shellcode injection, privilege escalation
- Module 6: Exploiting Windows Systems (09:45 - 11:15) • SMB, RDP, PowerShell, UAC bypass
- Module 7: Client-Side Attacks and Web Exploitation (11:30 - 01:00) • XSS, SQLi, LFI, RCE techniques
- Module 8: Lab - Compromise and Escalate Privileges (02:00 - 03:30) • Real OSCP-style challenge

### Day 3: Post-Exploitation and Lateral Movement

- Module 9: Maintaining Access and Credential Harvesting (07:30 - 09:30) • Meterpreter, backdoors, keyloggers
- Module 10: Active Directory Attacks and Pivoting (09:45 - 11:15) • Pass-the-hash, Kerberoasting, RDP hopping
- Module 11: Data Exfiltration and Covering Tracks (11:30 - 01:00) • File transfers, logs clearing, tunneling
- Module 12: Lab - AD Environment Exploitation (02:00 - 03:30) • Practice lateral movement and domain compromise

### Day 4: Custom Exploits and Scripting

- Module 13: Writing and Modifying Exploits (07:30 - 09:30) • Exploit-db, shellcode crafting, buffer overflow demos
- Module 14: Bash, Python, and PowerShell Scripting (09:45 - 11:15) • Automating enumeration and exploits
- Module 15: AV/EDR Bypass Techniques (11:30 - 01:00) • Obfuscation, payload encoding, MSFvenom
- Module 16: Lab - Build and Deploy a Custom Exploit (02:00 - 03:30) • Realistic simulation

### Day 5: OSCP Exam Preparation and Reporting

- Module 17: OSCP Exam Strategy and Format (07:30 - 09:30) • Lab overview, point allocation, reporting requirements
- Module 18: Writing the Penetration Test Report (09:45 - 11:15) • Documentation templates, sample reports
- Module 19: Final Capstone Lab - 24-Hour Style Challenge (11:30 - 01:00) • Simulated mini-exam
- Module 20: Wrap-Up - Review, Feedback & Certification Briefing (02:00 - 03:30) • Action plan, next steps for OSCP certification

## Certification

Participants will receive a Certificate of Completion in OSCP (Offensive Security Certified Professional) Training, validating their readiness to attempt the official OSCP exam and their practical skills in ethical hacking and penetration testing.

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