MAWA EVENTS

Address: No. 857, Block A2. Leisure Commerce Square - No 9., 46150 Petaling Jaya, Selangor, Malaysia

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ETHICAL HACKING

"Learn ethical hacking techniques to identify vulnerabilities and strengthen cyber defenses."

Schedule

Venue (InHouse)	Fees
At Your Organization Premises	Ask For The Quotation

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

Introduction

Ethical Hacking trains professionals to think like attackers so they can proactively identify and remediate security weaknesses. This hands-on course covers penetration testing methodologies, vulnerability assessment, exploitation basics, and reporting — all within legal and ethical boundaries. Participants will practice real-world techniques using safe lab environments and learn how to turn findings into actionable security improvements.

Objectives

- Understand the legal, ethical, and professional responsibilities of an ethical hacker.
- Learn common attack vectors and exploitation techniques across networks, systems, and web applications.
- Perform vulnerability assessments and structured penetration tests.
- Use industry-standard tools for reconnaissance, scanning, exploitation, and post-exploitation.
- Prepare clear, actionable penetration test reports and remediation recommendations.

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Why Attend

Gain practical, defensive skills by learning offensive techniques in a controlled, lawful setting. This course prepares you to discover security gaps before malicious attackers do and helps you contribute to stronger organizational security posture.

Target Audience

- Security Analysts and Engineers
- Network and System Administrators
- IT Professionals and Developers
- Incident Response Teams
- Students pursuing a career in cybersecurity

Individual Benefits

- Acquire hands-on penetration testing and vulnerability analysis skills.
- Improve ability to secure systems and advise on remediation.
- Boost career prospects in cybersecurity roles.
- Gain confidence in performing controlled security assessments.

Organizational Benefits

- Early detection and remediation of critical vulnerabilities.
- Reduced risk of breaches and improved incident readiness.
- Better-informed security controls and patching strategies.
- Clear, actionable reports that drive security improvements.

Instructional Methodology

Instructor-led sessions combined with hands-on lab exercises, tool demonstrations, real-world case studies, and capture-the-flag (CTF) style challenges. Emphasis on practice in isolated labs and legal/ethical decision-making.

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Course Outline

Module 1: Introduction to Ethical Hacking — Scope, Laws, and Ethics

Module 2: Reconnaissance and Footprinting Techniques

Module 3: Scanning and Enumeration

Module 4: Vulnerability Assessment and Prioritization

Module 5: Network and System Exploitation Fundamentals

Module 6: Web Application Hacking (OWASP Top 10)

Module 7: Wireless, Mobile, and Cloud Security Testing Basics

Module 8: Post-Exploitation, Persistence, and Cleanup

Module 9: Using Tools: Nmap, Metasploit, Burp Suite, Wireshark, and others

Module 10: Reporting, Remediation Recommendations, and Ethics Workshop

Module 11: Practical Lab: End-to-End Penetration Test Exercise

Certification

Participants who complete the course and pass the practical assessment will receive a Certificate of Achievement in Ethical Hacking, verifying their skills in authorized security testing and vulnerability management.

Why Choose MAWA Events

- **Global Expertise:** More than 17 years of experience in professional training and consulting.
- **Industry-Leading Faculty:** Courses delivered by seasoned professionals with hands-on experience.
- **Practical Insights:** Learn to turn theory into actionable strategies for real-world business impact.
- **Client-Focused Solutions:** Customized programs designed to achieve your organisation’s unique goals.

In-House / Customized Training Interested in running this course for your team? Please contact us:	TEL: **+601116373203**	EMAIL: **info@mawaevents.net**

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