# Ethical Hacking & Penetration Testing

| Course Title | Ethical Hacking & Penetration Testing |
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| Country | Malaysia |
| Location | 4-5 Star Hotel |
| Time | 8AM - 2PM |
| Date | 12 - 16 January 2026 |

## Day 1: Introduction to Ethical Hacking & Cybersecurity
- Overview of Ethical Hacking concepts
- Roles of White Hat, Black Hat, and Gray Hat hackers
- Fundamentals of cybersecurity
- Legal and ethical considerations
- Hacking methodologies and frameworks

## Day 2: Reconnaissance & Vulnerability Assessment
- Information gathering techniques
- Network scanning and enumeration
- Vulnerability identification
- Risk assessment and impact analysis
- Vulnerability scanning tools

## Day 3: System & Network Exploitation
- Network and system exploitation techniques
- Password and authentication attacks
- Malware and ransomware attacks
- Social engineering and email attacks
- Post-exploitation basics

## Day 4: Web Application Penetration Testing
- Web application security fundamentals
- SQL Injection and XSS attacks
- Session and access control testing
- Packet analysis and traffic monitoring
- Practical attack simulations

## Day 5: Reporting, Defense & Practical Project
- Full penetration testing exercise
- Professional reporting and documentation
- Security recommendations
- System hardening techniques
- Final assessment and course review