MAWA EVENTS

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

Phone: +601116373203 | **Email:** info@mawaevents.net

CYBER NETWORK SECURITY PROFESSIONAL

"Build Practical Cybersecurity Skills to Protect and Defend Critical Network Infrastructure"

Schedule

Date	Venue	Fees (Face-to-Face)
05 – 06 Feb 2026	Dubai – UAE	USD 1995 per delegate

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

Introduction

As cyber threats grow more sophisticated, securing networks has become a top priority for every organization. From malware and phishing to DDoS attacks and insider breaches, cybersecurity professionals must be able to detect, respond to, and prevent network-based threats in real time.

This intensive 2-day course provides IT and security professionals with hands-on training in network security principles, threat identification, intrusion detection, and mitigation techniques. Participants will gain practical knowledge to manage firewalls, secure endpoints, and defend against attacks targeting wired and wireless network environments.

Objectives

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

- Understand core concepts of cyber and network security
- Identify and mitigate common network vulnerabilities and threats
- Configure and manage firewalls, VPNs, and intrusion detection systems
- Apply best practices for endpoint security and access control
- Implement incident response and recovery procedures
- Monitor and analyze network traffic for signs of compromise

MAWA EVENTS

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

Phone: +601116373203 | **Email:** info@mawaevents.net

Why Attend

- Strengthen your ability to defend against real-world cyberattacks
- Learn how to secure both physical and cloud-based networks
- Gain hands-on experience with key security tools and techniques
- Prepare for cybersecurity certifications and practical job roles
- Improve the resilience and security posture of your organization

Target Audience

This program is designed for:

- IT and network administrators
- Cybersecurity officers and SOC analysts
- Systems engineers and infrastructure teams
- Anyone responsible for network security monitoring and defense
- Professionals seeking foundational skills in cybersecurity

Individual Benefits

Key competencies that will be developed include:

- Threat detection and risk assessment
- Network segmentation and access control
- Configuration of IDS/IPS, firewalls, and VPNs
- Log analysis, packet capture, and forensic basics
- Incident response and escalation planning

Organizational Benefits

Upon completing the training course, participants will demonstrate:

- Improved protection of organizational networks and assets
- Faster response times to breaches and anomalies
- Reduced downtime and data loss due to proactive defenses
- Stronger security culture among technical teams
- Compliance readiness for ISO, NIST, and cybersecurity frameworks

Instructional Methodology

This course applies practical, lab-based learning techniques:

- Technical Briefings – Key concepts, protocols, and tools
- Case Studies – Real-life breaches and attack vectors
- Workshops – Configuration of defense mechanisms and traffic analysis
- Peer Exchange – Cybersecurity strategies and shared challenges
- Tools – IDS/IPS labs, firewall setup checklists, vulnerability scan templates

MAWA EVENTS

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

Phone: +601116373203 | **Email:** info@mawaevents.net

Course Outline

DETAILED 2-DAY 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: Network Threats and Protection Basics

- Module 1: Cybersecurity Fundamentals and Terminology (07:30 – 09:30) • Threat types, attack vectors, vulnerability lifecycle • OSI model in cybersecurity context
- Module 2: Network Security Architecture (09:45 – 11:15) • Perimeter vs. internal defenses • Firewalls, routers, and secure network design
- Module 3: Intrusion Detection and Access Control (11:30 – 01:00) • IDS/IPS setup and access control mechanisms • Role-based access and authentication protocols
- Module 4: Workshop – Threat Identification Lab (02:00 – 03:30) • Analyze packet captures and detect anomalies

Day 2: Secure Operations and Incident Response

- Module 1: Endpoint and Application Security (07:30 – 09:30) • Endpoint protection platforms (EPPs) • Application whitelisting and patching practices
- Module 2: Secure Remote Access and VPN Management (09:45 – 11:15) • VPN types, configurations, and best practices • Securing remote workers and mobile users
- Module 3: Incident Response and Recovery Planning (11:30 – 01:00) • Incident handling steps, containment, and escalation • Backup, recovery, and post-incident reviews
- Module 4: Final Exercise – Security Plan & Response Simulation (02:00 – 03:30) • Teams build and present a mini incident response strategy

Certification

Participants will receive a Certificate of Completion in Cyber Network Security, demonstrating their capability to implement, manage, and improve core cybersecurity protections in networked environments.

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**