

MD-4011: Enhance Endpoint Security with Microsoft Intune and Microsoft Copilot for Security

Course Duration: 8 Hours

Course code: MD-4011

1. Course Overview

The MD-4011: Enhance Endpoint Security with Microsoft Intune and Microsoft Copilot for Security course equips IT professionals with the skills to secure, manage, and monitor endpoints using Microsoft Intune, enhanced with the AI-powered capabilities of Microsoft Copilot for Security. Participants will learn how to strengthen endpoint protection, implement compliance policies, manage updates, and leverage AI-driven insights to detect and respond to threats faster. This training blends theoretical knowledge with hands-on exercises, ensuring learners can confidently apply their skills in real-world enterprise environments.

2. What you'll learn?

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

- Configure and manage devices using Microsoft Intune.
- Implement security baselines and compliance policies for endpoint protection.
- Integrate Microsoft Intune with Microsoft Copilot for Security for proactive threat management.
- Utilize AI-powered security insights to identify and mitigate vulnerabilities.
- Deploy software updates and patches to maintain endpoint health.
- Monitor device health and security posture across the organization.

3. Target Audience

This course is ideal for:

- IT Administrators and Endpoint Managers
- Security Operations Professionals
- Microsoft 365 Administrators
- System Administrators looking to enhance security posture
- IT Support Technicians responsible for device compliance and security

4. Pre-Requisites

Learners should have:

- Basic knowledge of Microsoft 365 services
- Familiarity with Windows client operating systems
- Understanding of basic security concepts
- Experience working with endpoint devices in an enterprise environment (recommended but not mandatory)

5. Course content

Module 1: Introduction to Microsoft Intune and Copilot for Security

- Overview of Endpoint Security Challenges
 - Microsoft Intune Capabilities and Features
 - AI-Powered Security with Microsoft Copilot
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- Module 2: Device Enrollment and Configuration
 - Enrolling Devices in Intune
 - Creating and Deploying Device Configuration Profiles
 - Applying Security Baselines

Module 3: Compliance Policies and Conditional Access

- Defining Compliance Rules
- Enforcing Device Compliance
- Integrating with Conditional Access

Module 4: Threat Detection and AI-Driven Insights

- Leveraging Microsoft Copilot for Threat Analysis
- Real-Time Threat Monitoring and Response
- Automated Security Recommendations

Module 5: Application and Update Management

- Deploying and Managing Applications
- Configuring Windows Update for Business
- Patch Management Strategies

Module 6: Monitoring, Reporting, and Best Practices

- Generating Security and Compliance Reports
- Endpoint Health Monitoring
- Industry Best Practices for Endpoint Security