MICROSOFT TRAINING

Microsoft Security Copilot Course

Master Microsoft Security Copilot to enhance threat detection and response in your organization's cybersecurity.

DURATION
2 hours

LEVEL
Intermediate

FORMAT
Instructor-Led

- Globally Recognized Certification
- Expert-Led Hands-On Training
- Flexible Scheduling

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COURSE OVERVIEW

This intermediate-level Microsoft Security Copilot course is designed to equip IT security professionals with the essential skills to leverage artificial intelligence for enhanced threat detection, incident response, and proactive security posture management. Participants will dive deep into Microsoft Security Copilot's capabilities, understanding how this innovative AI-powered tool integrates seamlessly with Microsoft's comprehensive security portfolio, including Microsoft 365 Defender, Microsoft Sentinel, and Microsoft Intune. You'll learn to interpret AI-generated insights, craft effective prompts, and automate complex security tasks, transforming your approach to cybersecurity.

Upon completion, you will be proficient in using Security Copilot to accelerate investigations, gain deeper context into threats, and implement more efficient remediation strategies. This course not only covers the technical aspects of deploying and utilizing Copilot but also focuses on optimizing security operations, reducing response times, and ultimately strengthening an organization's defense against evolving cyber threats. The professional benefits include a significant boost in operational efficiency, a more robust security stance, and a highly sought-after skill set in the rapidly advancing field of AI-driven cybersecurity.

Duration	2 hours
Level	Intermediate
Vendor	Microsoft

COURSE CURRICULUM

01 Module 1: Introduction to Microsoft Security Copilot

- Understanding the AI-powered security landscape
- Overview of Microsoft Security Copilot's core capabilities
- Integration points with Microsoft 365 Defender, Sentinel, and Intune
- Key use cases and benefits for security operations
- The role of AI in modern cybersecurity

02 Module 2: Navigating the Security Copilot Interface

- Workspace overview and fundamental navigation
- Crafting effective prompts and natural language interaction
- Working with sessions, notebooks, and shared insights
- Customizing settings and preferences for optimized workflows
- Understanding data sources and contextual intelligence

03 Module 3: AI-Powered Threat Investigation and Analysis

- Leveraging Copilot for incident enrichment and timeline reconstruction
- Automated threat intelligence gathering and correlation
- Interpreting Copilot's insights, recommendations, and risk assessments
- Investigating complex attack chains with AI assistance
- Mapping attacks to MITRE ATT&CK framework with Copilot

04 Module 4: Incident Response and Remediation with Copilot

- Streamlining incident response workflows using AI guidance
- Using Copilot for containment, eradication, and recovery strategies
- Generating automated remediation steps and playbooks
- Post-incident analysis and comprehensive reporting with Copilot's help

- Orchestration of actions across integrated security tools

05 Module 5: Proactive Security and Threat Hunting with Copilot

- Identifying vulnerabilities and misconfigurations using AI insights
- Applying Copilot for proactive threat hunting queries and anomaly detection
- Developing custom prompts for specific security scenarios and compliance checks
- Best practices for maximizing Copilot's potential in a Security Operations Center
- Continuous improvement and feedback loops for AI-driven security

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

> **AI-Enhanced Security Operations Center (SOC) Analyst**

> **Cybersecurity Incident Response Specialist**

> **Proactive Threat Hunter with AI Tools**

FREQUENTLY ASKED QUESTIONS

Q: What specific skills will I gain that are directly applicable to enhancing an organization's threat detection and incident response capabilities using AI?

This course will equip you with practical skills in leveraging AI for security, including crafting effective prompts for threat investigation, interpreting AI-generated insights for faster incident analysis, automating threat intelligence gathering, and orchestrating incident response actions. You'll learn to integrate Copilot with existing Microsoft security tools to significantly reduce mean time to detect (MTTD) and mean time to respond (MTTR), directly enhancing your organization's security posture.

Q: What are the recommended technical prerequisites or prior security knowledge beneficial for taking this Microsoft Security Copilot course?

While there are no strict certifications required, a foundational understanding of cybersecurity concepts, incident response processes, and familiarity with Microsoft security products like Microsoft 365 Defender or Microsoft Sentinel will be highly beneficial. This intermediate-level course assumes some prior exposure to security operations, allowing you to quickly grasp the advanced AI integration concepts presented.

Q: How will mastering Microsoft Security Copilot specifically advance my career towards roles like a Cybersecurity Incident Response Specialist or a Proactive Threat Hunter?

Mastering Microsoft Security Copilot will position you as a cutting-edge security professional capable of harnessing AI for advanced threat analysis. For Incident Response, you'll gain the ability to rapidly contextualize incidents and suggest remediation with AI precision. For Threat Hunting, you'll learn to use Copilot to generate sophisticated queries, identify obscure patterns, and proactively uncover threats that traditional tools might miss, making you an invaluable asset in these specialized and high-demand roles.

ABOUT COMPUTER PRIDE

East Africa's Premier IT Training Center

With over 15 years of excellence, Computer Pride delivers globally recognized certification programs from leading technology vendors. Located on Kenyatta Avenue in Nairobi's CBD, our state-of-the-art facilities and expert instructors have empowered thousands of professionals across East Africa.

15+	10,000+	50+
Years of Excellence	Professionals Trained	Vendor Certifications

READY TO ENROL?

Take the next step in your technology career.

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