

# Enhance security operations by using Microsoft Security Copilot (SC-5006)

## Description

### Enhance Security with Microsoft Security Copilot

Cyber threats are evolving rapidly, making security management increasingly complex. Microsoft Security Copilot revolutionizes security operations by integrating artificial intelligence to analyze signals and respond to attacks in real time. This SC-5006 training will help you understand its functionality and use it effectively.

### An Advanced Solution for Cybersecurity Analysts

With Microsoft Security Copilot, you gain AI-powered assistance to quickly handle incidents. This course teaches you how to leverage advanced features of Microsoft Defender XDR, Microsoft Sentinel, Microsoft Intune, and other security solutions. You will learn how to configure and customize the tool to optimize defense strategies and improve efficiency.

This training is ideal for professionals looking to strengthen their organization's cybersecurity. Through practical exercises and case studies, you will develop the skills needed to detect and counter cyber threats by utilizing the full capabilities of Microsoft Security Copilot.

## Niveau

Intermédiaire

## Course Content

### Module 1: Fundamentals of Generative AI

- Understand how language models enable AI applications
- Generate original content using natural language input
- Explore how generative AI assists in creative tasks
- Learn about Microsoft Copilot and AI agents
- Understand considerations for creating effective prompts
- Extend and develop copilot-like agents
- Explore generative AI in Azure AI Foundry portal

### Module 2: Describe Microsoft Security Copilot

- Get acquainted with Microsoft Security Copilot
- Understand Microsoft Security Copilot terminology
- Learn how Microsoft Security Copilot processes prompts
- Identify the elements of an effective prompt
- Enable and configure Microsoft Security Copilot

### Module 3: Describe the Core Features of Microsoft Security Copilot

- Explore features in the standalone experience of Microsoft Security Copilot
- Understand session-based features in the standalone experience
- Learn about Microsoft plugins available in Microsoft Security Copilot

- Explore non-Microsoft plugins supported by Microsoft Security Copilot
- Create and use custom promptbooks
- Describe knowledge base connections
- Export and share information from Microsoft Security Copilot

#### **Module 4: Describe the Embedded Experiences of Microsoft Security Copilot**

- Understand the embedded experience of Microsoft Security Copilot
- Learn how Copilot integrates with Microsoft Defender XDR
- Explore Copilot functionalities in Microsoft Purview
- Discover Copilot capabilities in Microsoft Entra
- Utilize Copilot for security management in Microsoft Intune
- Understand Copilot integration in Microsoft Defender for Cloud (Preview)

#### **Module 5: Explore Use Cases of Microsoft Security Copilot**

- Explore the first run experience
- Understand the standalone experience of Microsoft Security Copilot
- Configure and use the Microsoft Sentinel plugin
- Enable and configure a custom plugin
- Utilize file uploads as a knowledge base
- Create a custom promptbook for security automation
- Explore Microsoft Defender XDR capabilities with Copilot
- Understand how Copilot enhances Microsoft Purview functionalities

#### **Lab / Exercises**

- Ce cours vous donne un accès exclusif au laboratoire officiel Microsoft, vous permettant de mettre en pratique vos compétences dans un environnement professionnel.

#### **Documentation**

- Access to Microsoft Learn, Microsoft's online learning platform, offering interactive resources and educational content to deepen your knowledge and develop your technical skills.

#### **Participant profiles**

- Cybersecurity Engineer
- SOC Analyst
- IT Manager
- Chief Information Security Officer (CISO)
- IT Professional responsible for incident management

#### **Prerequisites**

- Master cybersecurity concepts and threat management
- Experience with Microsoft security solutions
- Understanding of incident response principles

#### **Objectives**

- Understand how Microsoft Security Copilot works
- Use AI to analyze and respond to threats
- Master the features of Microsoft Defender XDR

- 
- Configure and utilize Microsoft Sentinel
  - Optimize identity management with Microsoft Entra
  - Integrate Microsoft Copilot with cybersecurity solutions
  - Customize prompts and automate responses
  - Leverage advanced use cases to enhance security

**Description**

Enhance security operations by using Microsoft Security Copilot (SC-5006)

**Classroom Registration Price (CHF)**

900

**Virtual Classroom Registration Price (CHF)**

850

**Duration (in Days)**

1

**Reference**

SC-5006