SC-5006 Enhance security operations by using Microsoft Security Copilot

Category: Networking & Security | **Vendor:** Microsoft Technical

Duration: 8.00 hours (1 days) **6.5 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format:	Instructor Led - Online
Certification:	Microsoft Applied Skills: Enhance security operations by using Microsoft Security Copilot
Related Exam:	SC-5006

Course Overview

Explore the transformative power of AI in security with Microsoft Security Copilot. This course starts by introducing you to the fundamental concepts of generative AI. The course then delves into the cutting-edge AI functionality of Microsoft Security Copilot that empowers analysts to respond to threats quickly, process signals at machine speed, and assess risk exposure more quickly than may otherwise be possible. Lastly, the course guides the learner through a series of simulation-based exercises that mimic real-world situations.

About This Course

Explore the transformative power of AI in security with Microsoft Security Copilot. This course starts by introducing you to the fundamental concepts of generative AI. The course then delves into the cutting-edge AI functionality of Microsoft Security Copilot that empowers analysts to respond to threats quickly, process signals at machine speed, and assess risk exposure more quickly than may otherwise be possible. Lastly, the course guides the learner through a series of simulation-based exercises that mimic real-world situations.

Who Should Attend

This course is targeted to security professionals interested in getting started with Microsoft Security Copilot, including security analysts, security admins, and SOC managers. The person taking this course is looking to familiarize themselves with the functionality of Microsoft Security Copilot in both the standalone and embedded experiences. They should have working knowledge of security operations and incident response, experience with Microsoft security products and services, and is interested in learning how Microsoft Security Copilot, an AI-powered security analysis tool, can help them process security signals and respond to threats more quickly.

Prerequisites & Entry Requirements

General Prerequisites:

- Working knowledge of security operations and incident response
- Working knowledge of Microsoft security products and services

Learning Outcomes

Upon successful completion of this course, participants will be able to:

Course ObjectivesFundamental AI ConceptsFundamentals of Generative AIFundamentals of Responsible Generative AIDescribe Microsoft Copilot for SecurityDescribe the core features of Microsoft Copilot for SecurityDescribe the embedded experiences of Microsoft Copilot for Security, Course ObjectivesFundamental AI ConceptsFundamentals of Generative AIFundamentals of Responsible Generative AIDescribe Microsoft Copilot for SecurityDescribe the core features of Microsoft Copilot for SecurityDescribe the embedded experiences of Microsoft Copilot for Security, Course ObjectivesFundamental AI ConceptsFundamentals of Generative AIFundamentals of Responsible Generative AIDescribe Microsoft Copilot for SecurityDescribe the core features of Microsoft Copilot for SecurityDescribe the embedded experiences of Microsoft Copilot for Security, Course ObjectivesFundamental AI ConceptsFundamentals of Generative AIFundamentals of Responsible Generative AIDescribe Microsoft Copilot for SecurityDescribe the core features of Microsoft Copilot for SecurityDescribe the embedded experiences of Microsoft Copilot for Security, Course ObjectivesFundamental AI ConceptsFundamentals of Generative AIFundamentals of Responsible Generative AIDescribe Microsoft Copilot for SecurityDescribe the core features of Microsoft Copilot for SecurityDescribe the embedded experiences of Microsoft Copilot for Security, Course ObjectivesFundamental AI ConceptsFundamentals of Generative AIFundamentals of Responsible Generative AIDescribe Microsoft Copilot for SecurityDescribe the core features of Microsoft Copilot for SecurityDescribe the embedded experiences of Microsoft Copilot for Security, Course ObjectivesFundamental AI ConceptsFundamentals of Generative AIFundamentals of Responsible Generative AIDescribe Microsoft Copilot for SecurityDescribe the core features of Microsoft Copilot for SecurityDescribe the embedded experiences of Microsoft Copilot for Security, Course ObjectivesFundamental AI ConceptsFundamentals of Generative AIFundamentals of Responsible Generative AIDescribe Microsoft Copilot for SecurityDescribe the core features of Microsoft Copilot for SecurityDescribe the embedded experiences of Microsoft Copilot for Security, Course ObjectivesFundamental AI ConceptsFundamentals of Generative AIFundamentals of Responsible Generative AIDescribe Microsoft Copilot for SecurityDescribe the core features of Microsoft Copilot for SecurityDescribe the embedded experiences of Microsoft Copilot for Security, Course ObjectivesFundamental AI ConceptsFundamentals of Generative AIFundamentals of Responsible Generative AIDescribe Microsoft Copilot for SecurityDescribe the core features of Microsoft Copilot for SecurityDescribe the embedded experiences of Microsoft Copilot for Security, Course ObjectivesFundamental AI ConceptsFundamentals of Generative AIFundamentals of Responsible Generative AIDescribe Microsoft Copilot for SecurityDescribe the core features of Microsoft Copilot for SecurityDescribe the embedded experiences of Microsoft Copilot for Security, Course ObjectivesFundamental AI ConceptsFundamentals of Generative AIFundamentals of Responsible Generative AIDescribe Microsoft Copilot for SecurityDescribe the core features of Microsoft Copilot for SecurityDescribe the embedded experiences of Microsoft Copilot for Security, Course ObjectivesFundamental AI ConceptsFundamentals of Generative AIFundamentals of Responsible Generative AIDescribe Microsoft Copilot for SecurityDescribe the core features of Microsoft Copilot for SecurityDescribe the embedded experiences of Microsoft Copilot for Security, Course ObjectivesFundamental AI ConceptsFundamentals of Generative AIFundamentals of Responsible Generative AIDescribe Microsoft Copilot for SecurityDescribe the core features of Microsoft Copilot for SecurityDescribe the embedded experiences of Microsoft Copilot for Security, Course ObjectivesFundamental AI ConceptsFundamentals of Generative AIFundamentals of Responsible Generative AIDescribe Microsoft Copilot for SecurityDescribe the core features of Microsoft Copilot for SecurityDescribe the embedded experiences of Microsoft Copilot for Security, Course ObjectivesFundamental AI ConceptsFundamentals of Generative AIFundamentals of Responsible Generative AIDescribe Microsoft Copilot for SecurityDescribe the core features of

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Detailed Course Outline

1 - Introduction to generative AI concepts

- What is generative AI?
- How do language models work?
- Understand how transformers advance language models
- Understand differences in language models
- Improve prompt results
- Create responsible generative AI solutions
- Module assessment

2 - Describe Microsoft Security Copilot

- Get acquainted with Microsoft Security Copilot
- Describe Microsoft Security Copilot terminology
- Describe how Microsoft Security Copilot processes prompt requests
- Describe the elements of an effective prompt
- Describe how to enable Microsoft Security Copilot
- Module assessment

3 - Describe the core features of Microsoft Security Copilot

- Describe the features available in the standalone experience of Microsoft Security Copilot
- Describe the features available in a session of the standalone experience
- Describe workspaces
- Describe the Microsoft plugins available in Microsoft Security Copilot
- Describe the non-Microsoft plugins supported by Microsoft Security Copilot
- Describe custom promptbooks
- Describe knowledge base connections
- Module assessment

4 - Describe the embedded experiences of Microsoft Security Copilot

- Describe Copilot in Microsoft Defender XDR
- Copilot in Microsoft Purview
- Copilot in Microsoft Entra
- Copilot in Microsoft Intune
- Copilot in Microsoft Defender for Cloud (Preview)
- Module assessment

5 - Describe Microsoft Security Copilot agents

- Describe Microsoft Security Copilot agents
- Describe the Threat Intelligence Briefing Agent
- Explore the Threat Intelligence Briefing Agent
- Describe the Conditional Access Optimization Agent
- Explore the Conditional Access Optimization Agent
- Describe the Phishing Triage Agent
- Module assessment

6 - Explore use cases of Microsoft Security Copilot

- Explore the first run experience
- Explore the standalone experience
- Explore Security Copilot workspaces
- Configure the Microsoft Sentinel plugin
- Enable a custom plugin
- Explore file uploads as a knowledge base
- Create a custom promptbook
- Explore the capabilities of Copilot in Microsoft Defender XDR
- Explore the capabilities of Copilot in Microsoft Purview
- Explore the capabilities of Copilot in Microsoft Entra
- Module assessment

, Fundamental AI Concepts, Fundamentals of Generative AI, Fundamentals of Responsible Generative AI, Describe Microsoft Copilot for Security, Describe the core features of Microsoft Copilot for Security, Describe the embedded experiences of Microsoft Copilot for Security, Describe Microsoft Security Copilot, Describe the core features of Microsoft Security Copilot, Describe the embedded experiences of Microsoft Security Copilot, Explore use cases of Microsoft Security Copilot, Introduction to generative AI, Describe Microsoft Security Copilot agents

🎓 Certification Path

Microsoft Applied Skills: Enhance security operations by using Microsoft Security Copilot

Exam: SC-5006

Upcoming Schedule

Available training dates for SC-5006 Enhance security operations by using Microsoft Security Copilot:

Start Date	End Date	Location	Delivery	Price
24 Dec 2026	24 Dec 2026	Online	Virtual	€695.00

Frequently Asked Questions

Q: What delivery options are available for SC-5006 Enhance security operations by using Microsoft Security Copilot?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
- Traditional Instructor-Led Classroom Training (ILT)
- On-site delivery at your offices anywhere in United Kingdom
- Private dedicated courses customized for your team

Q: What certification does this course prepare me for?

The SC-5006 Enhance security operations by using Microsoft Security Copilot course helps prepare you for the Microsoft Applied Skills: Enhance security operations by using Microsoft Security Copilot certification path.

Q: Which exam does this course prepare me for?

This course prepares you for the SC-5006 official exam. You can take this exam at any exam center across United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online wherever you are located.

Q: How many CPD hours does this course provide?

The 1-day SC-5006 Enhance security operations by using Microsoft Security Copilot course provides up to 6.5 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the SC-5006 Enhance security operations by using Microsoft Security Copilot training?

The training takes place over 1 day(s), with each day lasting approximately 8.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for SC-5006 Enhance security operations by using Microsoft Security Copilot?

Yes, we provide corporate training, dedicated training, and closed classes for SC-5006 Enhance security operations by using Microsoft Security Copilot. Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

Q: What related terms do people search for?

Popular related searches include: SC-5006: Enhance security operations by using Microsoft Security Copilot, Microsoft, vILT, SC-5006

Q: Why choose Nexus Human for SC-5006 Enhance security operations by using Microsoft Security Copilot?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your SC-5006 Enhance security operations by using Microsoft Security Copilot training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

Nexus Human

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