



MICROSOFT TRAINING

Microsoft 365 Copilot Administration Security Essentials Course

Master Microsoft 365 Copilot administration and security. Implement robust policies and safeguard your AI-powered environment.

DURATION

2 hours

LEVEL

Intermediate

FORMAT

Instructor-Led

- Globally Recognized Certification

- Expert-Led Hands-On Training

- Flexible Scheduling

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COURSE OVERVIEW

The Microsoft 365 Copilot Administration Security Essentials Course is meticulously designed for IT professionals tasked with securing the innovative capabilities of Microsoft 365 Copilot within their organizations. As Copilot revolutionizes productivity by integrating AI directly into everyday workflows, the importance of robust security, data governance, and compliance has never been more critical. This intermediate-level course provides a comprehensive understanding of the security architecture underpinning Copilot, equipping administrators with the knowledge and tools to confidently deploy, manage, and protect their AI-powered environment. It delves into the intricate relationship between Copilot and existing Microsoft 365 security services, emphasizing proactive strategies to mitigate risks and ensure data integrity. This 2-hour intensive course focuses on practical application, covering essential topics such as data loss prevention (DLP) for AI interactions, sensitive information protection, identity and access management, compliance policy enforcement, and threat monitoring specific to the Copilot ecosystem. Participants will learn how to leverage Microsoft Purview, Microsoft Entra ID, and Microsoft Defender for Cloud Apps to establish a secure foundation for Copilot. By mastering these core technologies and best practices, IT administrators will gain the expertise to safeguard sensitive organizational data, maintain regulatory compliance, and ensure the responsible and secure utilization of generative AI across their enterprise. Upon completion, you will be empowered to unlock Copilot's full potential while upholding the highest standards of security and governance.

Duration	2 hours
Level	Intermediate
Vendor	Microsoft

COURSE CURRICULUM

01 Module 1: Understanding Microsoft 365 Copilot Security Foundations

- Introduction to Copilot's architecture and data flow
- Shared responsibility model for AI in Microsoft 365
- Key security and privacy considerations for generative AI
- Integrating Copilot with the Microsoft 365 security landscape

02 Module 2: Data Protection and Governance for Copilot with Microsoft Purview

- Implementing Data Loss Prevention (DLP) policies for Copilot
- Configuring sensitivity labels and data encryption for AI-processed content
- Managing data lifecycle and retention policies specific to Copilot data
- Utilizing auditing and eDiscovery for Copilot activities and compliance

03 Module 3: Identity, Access, and Device Management for Secure Copilot Deployment

- Establishing Role-Based Access Control (RBAC) for Copilot administration
- Applying Conditional Access policies to secure Copilot access
- Managing user permissions and principles of least privilege for AI interactions
- Securing endpoints and devices accessing Copilot data

04 Module 4: Threat Protection, Monitoring, and Incident Response for Copilot

- Leveraging Microsoft Defender for Cloud Apps to monitor Copilot usage
- Detecting and responding to anomalous activities in Copilot interactions
- Best practices for securing data processed by Copilot against external threats
- Strategies for incident response and recovery in a Copilot-integrated environment

Module 5: Governance and Best Practices for AI in Microsoft 365

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- Developing organizational policies for responsible Copilot usage
 - Implementing continuous compliance monitoring for AI integrations
 - Addressing ethical AI considerations in administrative practices
 - Future-proofing security strategies for evolving AI capabilities

06 Module 6: Practical Security Scenarios and Advanced Configurations

- Case studies on securing Copilot in various organizational contexts
- Advanced configuration settings for enhanced Copilot security
- Troubleshooting common security challenges in Copilot environments
- Overview of new and upcoming security features for Microsoft 365 Copilot

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **Microsoft 365 Security Administrator**
- > **Cloud Data Governance Specialist (AI Focus)**
- > **AI Compliance and Risk Analyst**

FREQUENTLY ASKED QUESTIONS

Q: What specific security challenges does this course address for Microsoft 365 Copilot deployment?

This course directly tackles critical challenges such as preventing data leakage through AI interactions, ensuring compliance with data residency and privacy regulations within the Copilot ecosystem, managing user access to sensitive information processed by Copilot, and detecting anomalous AI-driven activities. You will learn practical strategies to secure your organizational data and interactions specifically within Microsoft 365 Copilot.

Q: What are the prerequisites for this Microsoft 365 Copilot Administration Security Essentials Course, and what prior knowledge is beneficial?

While there are no strict formal prerequisites for this intermediate-level course, a foundational understanding of general Microsoft 365 administration concepts will be highly beneficial. Familiarity with Microsoft Entra ID (formerly Azure AD), Microsoft Purview, and basic cloud security principles will allow you to maximize your learning experience and effectively grasp the specialized security concepts applied to Copilot.

Q: How will mastering the skills taught in this course impact my ability to manage AI tools beyond just Microsoft 365 Copilot?

The core principles of data governance, identity and access management, compliance policy enforcement, and threat monitoring taught in this course are foundational for securely administering any AI-powered productivity tool. While focusing on Copilot, you will gain transferable expertise in securing data interactions with AI, understanding the AI's shared responsibility model, and implementing robust security frameworks that are applicable to future AI integrations and tools across your organization.

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+

Years of Excellence

10,000+

Professionals Trained

50+

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Take the next step in your technology career.

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