

Prepare security and compliance to support Microsoft 365 Copilot (MS-4002)

Description

Optimize Security and Compliance for Microsoft 365 Copilot

Microsoft 365 Copilot is transforming business productivity. However, to fully leverage its potential, administrators must master security and compliance best practices. This MS-4002 training guides you through the key steps to prepare and secure your Microsoft 365 environment. Administrators, consultants, and technical managers will learn how to manage access, protect data, and implement advanced compliance strategies.

Prepare for the Challenges of Copilot Implementation

The adoption of Microsoft 365 Copilot requires a well-prepared infrastructure. This training helps you configure administrative roles, secure authentication, and optimize permission management. You will also learn how to control data access and apply security policies to ensure optimal use and compliance with regulatory requirements. By completing this course, you will develop the skills needed to successfully implement Office 365 Copilot and protect your organization's data.

Course Content

Module 1: Implementing Microsoft 365 Copilot

- Prepare technical prerequisites
- Configure SharePoint Advanced Management tools
- Optimize data preparation for Microsoft 365 Copilot searches
- Secure Microsoft 365 Copilot data using Microsoft 365 security tools
- Assign and manage Microsoft 365 Copilot licenses
- Extend Microsoft 365 Copilot functionalities
- Promote Microsoft 365 Copilot adoption across the organization

Module 2: Managing Secure User Access in Microsoft 365

- Understand identity and access management tools
- Manage and secure user passwords
- Implement Conditional Access policies
- Enable pass-through authentication
- Implement multifactor authentication
- Explore passwordless authentication options
- Set up self-service password management
- Implement Microsoft Entra Smart Lockout policies
- Configure security defaults in Microsoft Entra ID
- Monitor authentication issues using sign-in logs

Module 3: Managing Permissions, Roles, and Role Groups in Microsoft 365

- Understand the Microsoft 365 permission model

- Manage roles across the Microsoft 365 ecosystem
- Explore administrator roles in Microsoft 365
- Apply best practices for configuring administrative roles
- Assign admin roles to users
- Delegate admin roles to external partners
- Implement and manage role groups
- Control permissions using administrative units in Microsoft Entra ID
- Secure SharePoint permissions to prevent data oversharing
- Elevate privileges with Microsoft Entra Privileged Identity Management

Module 4: Deploying Microsoft 365 Apps for Enterprise

- Explore Microsoft 365 Apps for Enterprise functionalities
- Complete a self-service installation of Microsoft 365 Apps
- Deploy Microsoft 365 Apps using Microsoft Configuration Manager
- Deploy Microsoft 365 Apps from the cloud
- Deploy Microsoft 365 Apps from a local source
- Manage updates for Microsoft 365 Apps
- Understand update channels for Microsoft 365 Apps
- Manage cloud apps through the Microsoft 365 Apps admin center
- Integrate Microsoft 365 Apps with Microsoft Intune
- Deploy Microsoft 365 Apps security baseline

Module 5: Implementing Microsoft Purview Data Loss Prevention

- Plan Microsoft Purview Data Loss Prevention (DLP) implementation
- Implement Microsoft Purview's default DLP policies
- Design and configure custom DLP policies
- Create a custom DLP policy from a template
- Set up email notifications for DLP policies
- Configure policy tips to enhance compliance

Module 6: Implementing Sensitivity Labels

- Develop a sensitivity label deployment strategy
- Enable sensitivity labels for files in SharePoint and OneDrive
- Understand sensitivity label requirements
- Create and configure sensitivity labels
- Publish sensitivity labels
- Remove or delete sensitivity labels

Module 7: Managing Microsoft 365 Copilot Extensibility

- Administer Copilot agents in integrated applications
- Create and manage Microsoft Graph connectors
- Monitor Microsoft Graph connectors
- Optimize Microsoft Graph connector content display in Microsoft 365 Copilot

Lab / Exercises

- This course provides you with exclusive access to the official Microsoft lab, enabling you to practice your skills in a professional environment.

Documentation

- Accès à Microsoft Learn, la plateforme d'apprentissage en ligne Microsoft, offrant des ressources interactives et des contenus pédagogiques pour approfondir vos connaissances et développer vos compétences techniques.

Participant profiles

- System and network administrators
- Digital transformation consultants
- Cloud solutions architects
- Security and compliance managers
- Technical IT managers

Prerequisites

- Basic experience with Microsoft 365 services
- Understanding of knowledge management principles
- General knowledge of cybersecurity and access management

Objectives

- Configure and secure Microsoft 365 Copilot
- Implement advanced SharePoint management tools
- Manage secure user access
- Assign and manage administrative roles
- Deploy Microsoft 365 Apps for enterprise
- Implement advanced data protection
- Apply permission management strategies
- Ensure Microsoft 365 Copilot extensibility

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Niveau

Intermédiaire

Classroom Registration Price (CHF)

900

Virtual Classroom Registration Price (CHF)

850

Duration (in Days)

1

Reference

MS-4002