Architecture, deployment, security and compliance with Microsoft Copilot for Microsoft 365

Course Overview

Microsoft 365 Copilot is a solution that requires oversight by experienced Microsoft 365 administrators. This course is designed to equip administrators with the skills and knowledge necessary to ensure a secure, efficient, and high-performing Copilot experience for their organization. Topics covered include security configuration, performance monitoring, licensing, implementation, and advanced threat protection.

Course Objectives

In this course, you will learn how to implement and manage your organization's security, performance, and governance with Microsoft 365 Copilot.

Audience Profile

The course is aimed at Microsoft 365 administrators who want to protect their data, devices, and users from internal and external threats.

Pre-requisites

- Foundational Knowledge of Microsoft 365
- Basic Understanding of IT Administration
- Knowledge of Microsoft Entra (Azure Active Directory)
- Familiarity with Microsoft Security & Compliance Tools
- Understanding of Data Governance Concepts
- Awareness of AI and Copilot Fundamentals

Course Content

Unit 1: Copilot Fundamentals for Microsoft 365

- • Introduction to technology
- • Copilot Design Analysis for Microsoft 365
- • The Copilot architecture for Microsoft 365
- • Copilot using the semantic index and with Microsoft Graph Connectors

Unit 2: Implementing Copilot for Microsoft 365

- • Implementation: first steps
- • Preparing data for searches in Copilot for Microsoft 365
- • Microsoft 365 Copilot data security with Microsoft 365 security tools
- • Assign Microsoft 365 Copilot licenses
- • Using Centers of Excellence to optimize the implementation of Microsoft 365 Copilot

Unit 3: Scenarios and creation of practices with Microsoft 365 Copilot

- • The structure and blocks of Copilot with Business Premium
- • Extensibility with Copilot
- • Example of scenario in organizations
- • The preparation of the organization in AI
- • Copilot implementation
- • Copilot services and adoption in organizations

Unit 4: Configuring Microsoft 365 administrative roles with Copilot

- • Analysis of the Microsoft 365 permissions model
- • Administration Role Management
- • Assignment and delegation of roles to users
- • Privilege management using administrative units with Microsoft Entra ID and Identity and privilege management with Entra
- • Consequences with Copilot: good practices

Unit 5: Managing Microsoft 365 tenant and services performance with Microsoft Copilot

- • Monitoring Microsoft 365 services
- • Tenant monitoring using usage analytics with Microsoft 365
- • Development of an incident response plan
- • Managing Support with Microsoft

Unit 6: Microsoft 365 Copilot Threat Protection

- • Managing alert policies in Microsoft 365 and Intelligent Security with Microsoft Graph
- • Response analysis and automated investigations
- • Using Microsoft Thread Protection for Microsoft 365 Copilot
- • Threat management analysis with Microsoft Thread Protection and Microsoft Defender XDR
- • Creating reports using Microsoft Defender for threat identification
- • Implementing App Protection using Microsoft Defender for Cloud Apps and its relationship with Microsoft 365 Copilot
- • Deploy Endpoint protection with Microsoft Defender for Endpoint
- • Using Microsoft Defender for Microsoft 365
- • Using Threat Scanner

- • Identification and use of security attacks using Threat Trackers
- • Preparing for attacks with simulations

Unit 7: Security, compliance, governance, and protection of sensitive data with Copilot for Microsoft 365

- • Implementation of data classification of sensitive information
- • How to analyze sensitive tags to classify and organize sensitive company information
- • Implement responsive tags
- • Preventing data loss with Microsoft Purview Data Loss Prevention
- • Data Governance Management with Copilot for Microsoft 365
- • Managing organizational data by Microsoft 365 Copilot
- • How to protect sensitive business data with Microsoft 365
- • Access controls and tenant isolation as key forms of data protection in Copilot for Microsoft 365