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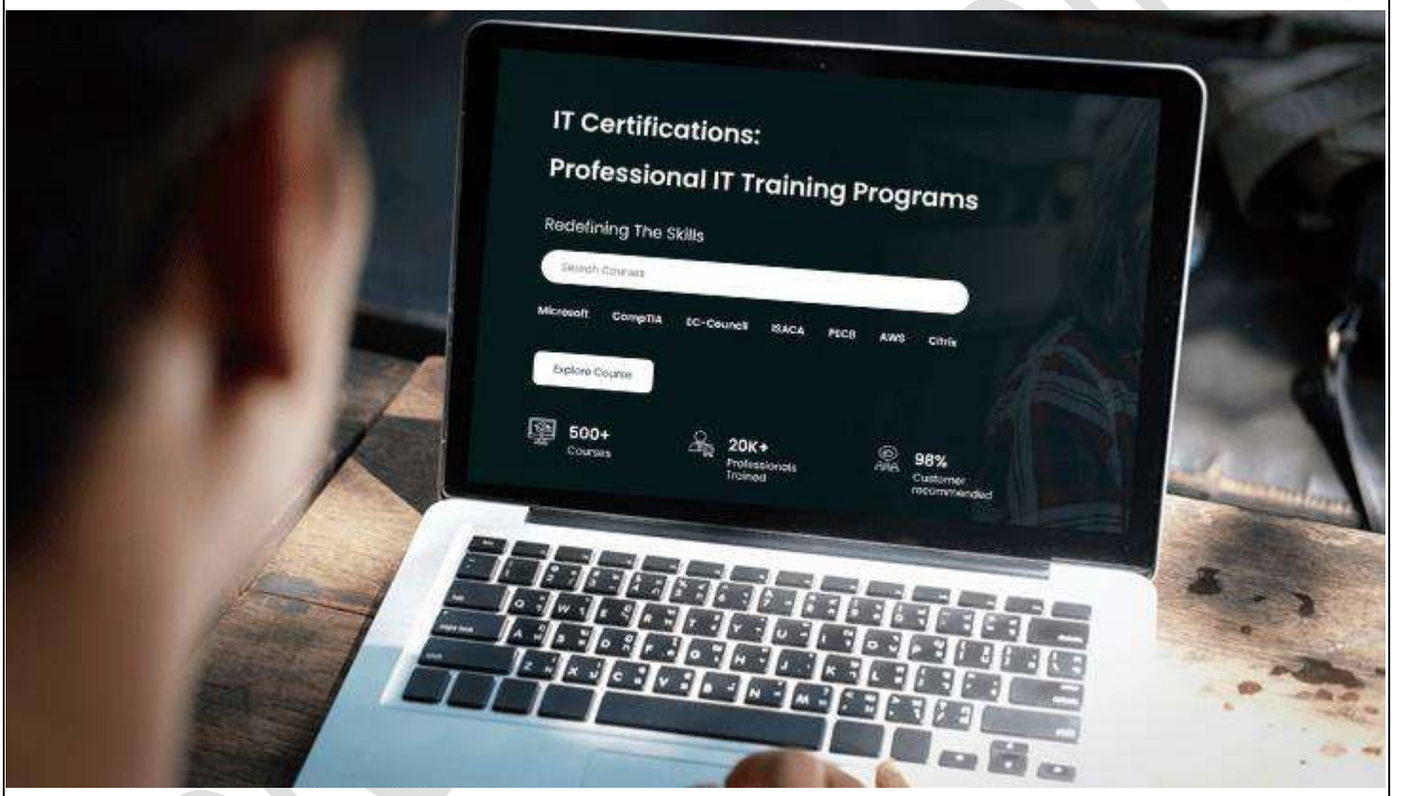

MS-4002: Prepare security and compliance to support Microsoft 365 Copilot Training

DURATION: 1 DAY

Course Description

This course is a detailed training on protecting Microsoft 365 environments in order to use Microsoft Copilot. In this training, professionals will learn about enforcing data retention, endpoint protection, and deploying Microsoft Defender for Office 365.

Who should attend this course?

- Security Administrator
- Security Architect
- Security Consultant

What you will learn

- Manage secure user access with multifactor authentication and Conditional Access policies.
- Implement app protection using Microsoft Defender for Cloud Apps and manage cloud security policies.
- Utilize Microsoft Defender for Endpoint to detect and respond to advanced threats on devices.
- Deploy Microsoft Defender for Office 365 to safeguard against email and collaboration threats.
- Apply retention policies and labels to ensure compliance and protect sensitive data.
- Establish Data Loss Prevention (DLP) strategies to prevent data exposure and misuse.

Prerequisites

Required

- Learners should have basic functional experience with Microsoft 365 services.
- Learners must have a proficient understanding of general IT practices.

Recommended

- SC-900T00: Microsoft Security, Compliance, and Identity Fundamentals

Curriculum

Module 1: Manage secure user access in Microsoft 365

- Manage user passwords.
- Create Conditional Access policies.
- Enable security defaults.
- Describe pass-through authentication.
- Enable multifactor authentication.
- Describe self-service password management.
- Implement Microsoft Entra Smart Lockout.

Module 2: Implement app protection by using Microsoft Defender for Cloud Apps

- Describe how Microsoft Defender for Cloud Apps provides improved visibility into network cloud activity and increases the protection of critical data across cloud applications.
- Explain how to deploy Microsoft Defender for Cloud Apps.

- Control your cloud apps with file policies.
- Manage and respond to alerts generated by those policies.
- Configure and troubleshoot Cloud Discovery.

Module 3: Implement endpoint protection by using Microsoft Defender for Endpoint

- Describe how Microsoft Defender for Endpoint helps enterprise networks prevent, detect, investigate, and respond to advanced threats.
- Onboard supported devices to Microsoft Defender for Endpoint.
- Implement the Threat and Vulnerability Management module to effectively identify, assess, and remediate endpoint weaknesses.
- Configure device discovery to help find unmanaged devices connected to your corporate network.
- Lower your organization's threat and vulnerability exposure by remediating issues based on prioritized security recommendations.

Module 4: Implement threat protection by using Microsoft Defender for Office 365

- Describe the protection stack provided by Microsoft Defender for Office 365.
- Understand how Threat Explorer can be used to investigate threats and help to protect your tenant.
- Describe the Threat Tracker widgets and views that provide you with intelligence on different cybersecurity issues that might affect your company.
- Run realistic attack scenarios using Attack Simulator to help identify vulnerable users before a real attack impacts your organization.

Module 5: Explore retention in Microsoft 365

- Explain how a retention policies and retention labels work.
- Identify the capabilities of both retention policies and retention labels.
- Select the appropriate scope for a policy depending on business requirements.
- Explain the principles of retention.
- Identify the differences between retention settings and eDiscovery holds.
- Restrict retention changes by using preservation lock.

Module 6: Implement Microsoft Purview Information Barriers

- Describe how information barriers can restrict or allow communication and collaboration among specific groups of users.
- Describe the components of an information barrier and how to enable information barriers.
- Understand how information barriers help organizations determine which users to add or remove from a Microsoft Team, OneDrive account, and SharePoint site.
- Describe how information barriers prevent users or groups from communicating and collaborating in Microsoft Teams, OneDrive, and SharePoint.

Module 7: Implement Microsoft Purview Data Loss Prevention

- Create a data loss prevention implementation plan. Implement Microsoft 365's default DLP policy.
- Create a custom DLP policy from a DLP template and from scratch.
- Create email notifications and policy tips for users when a DLP rule applies.
- Create policy tips for users when a DLP rule applies
- Configure email notifications for DLP policies

Module 8: Implement sensitivity labels

- Create a deployment strategy for implementing sensitivity labels that satisfies your organization's requirements.
- Enable sensitivity labels in SharePoint Online and OneDrive so they can use encrypted files.
- Create and configure sensitivity labels.
- Publish sensitivity labels by creating a label policy.
- Identify the differences between removing and deleting sensitivity labels.

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