

Microsoft Information Protection Administrator

Description

Learn how to protect information in your Microsoft 365 deployment. This course focuses on data lifecycle management and information protection and compliance within your organization. The course covers implementation of data loss prevention policies, sensitive information types, sensitivity labels, data retention policies, Microsoft Purview Message Encryption, audit, eDiscovery, and insider risk among other related topics.

Classroom Registration Price (CHF)

3200

Virtual Classroom Registration Price (CHF)

3000

Course Content

Module 1: Introduction to information protection and data lifecycle management in Microsoft Purview

- Introduction to information protection and data lifecycle management
- Know your data
- Protect your data
- Prevent data loss
- Govern your data

Module 2: Prevent data loss

- Introduction to Microsoft Purview Data Loss Prevention
- Define the sensitive data you want to protect
- Use data loss prevention (DLP) policies to protect your data

Module 3: Classify data for protection and governance

- Data classification overview
- Classify data using sensitive information types
- Classify data using trainable classifiers
- Review sensitive information and label usage
- Explore labeled and sensitive content
- Understand activities related to your data

Module 4: Create and manage sensitive information types

- Compare built-in versus custom sensitive information types
- Create and manage custom sensitive information types
- Describe custom sensitive information types with exact data match
- Implement document fingerprinting
- Create keyword dictionary

Module 5: Understand Microsoft 365 encryption

- Learn how BitLocker encrypts data-at-rest
- Understand service encryption in Microsoft Purview

- Explore customer key management using Customer Key
- Learn how data is encrypted in-transit

Module 6: Deploy Microsoft Purview Message Encryption

- Implement Microsoft Purview Message Encryption
- Implement Microsoft Purview Advanced Message Encryption
- Use Microsoft Purview Message Encryption templates in mail flow rules

Module 7: Protect information in Microsoft Purview

- Information protection overview
- Configure sensitivity labels
- Configure sensitivity label policies
- Configure auto-labeling policies
- Manage, monitor, and remediate information protection

Module 8: Apply and manage sensitivity labels

- Apply sensitivity labels to Microsoft Teams, Microsoft 365 groups, and SharePoint sites
- Plan on-premises labeling
- Configure on-premises labeling for the Unified Labeling Scanner
- Apply protections and restrictions to email and files
- Monitor label performance using label analytics

Module 9: Prevent data loss in Microsoft Purview

- Data loss prevention overview
- Identify content to protect
- Define policy settings for your DLP policy
- Prepare Endpoint DLP
- Manage DLP alerts in the Microsoft Purview compliance portal
- View data loss prevention reports
- Implement the Microsoft Purview Extension

Module 10: Configure DLP policies for Microsoft Defender for Cloud Apps and Power Platform

- Configure data loss prevention policies for Power Platform
- Integrate data loss prevention in Microsoft Defender for Cloud Apps
- Configure policies in Microsoft Defender for Cloud Apps
- Manage data loss prevention violations in Microsoft Defender for Cloud Apps

Module 11: Manage data loss prevention policies and reports in Microsoft 365

- Configure data loss prevention for policy precedence
- Implement data loss prevention policies in test mode
- Explain data loss prevention reporting capabilities
- Review and analyze data loss prevention reports
- Manage permissions for data loss prevention reports
- Manage and respond to data loss prevention policy violations

Module 12: Manage the data lifecycle in Microsoft Purview

- Data Lifecycle Management overview
- Configure retention policies
- Configure retention labels
- Configure manual retention label policies
- Configure auto-apply retention label policies
- Import data for Data Lifecycle Management
- Manage, monitor, and remediate Data Lifecycle Management

Module 13: Manage data retention in Microsoft 365 workloads

- Explain retention in Exchange Online
- Explain retention in SharePoint Online and OneDrive
- Explain retention in Microsoft Teams
- Explain retention in Microsoft Yammer
- Recover content in Microsoft 365 workloads
- Activate archive mailboxes in Microsoft Exchange
- Apply mailbox holds in Microsoft Exchange
- Recover content in Microsoft Exchange

Module 14: Manage records in Microsoft Purview

- Records management overview
- Import a file plan
- Configure retention labels
- Configure event driven retention
- Manage, monitor, and remediate records

Lab / Exercises

- Official Microsoft Labs

Documentation

- Access to Microsoft Learn (online learning content)

Exam

- This course prepares you to the **SC-400: Microsoft Information Protection Administrator** exam
- If you wish to take this exam, please select it when you add the course to your basket

Participant profiles

- Data Protection Officers
- Risk Practitioners, Security engineers

Prerequisites

- Foundational knowledge of Microsoft security and compliance technologies
- Basic knowledge of information protection concepts
- Understanding of cloud computing concepts
- Understanding of Microsoft 365 products and services

Objectives

- Implement information protection
- Implement DLP
- Implement data lifecycle and records management
- Monitor and investigate data and activities by using Microsoft Purview
- Manage insider and privacy risk in Microsoft 365

Niveau

Intermédiaire

Duration (in Days)

4

Reference

SC-400T00