

# Implement information protection and data loss prevention by using Microsoft Purview (SC-5003)

## Description

### Protect Your Data with Microsoft Purview (SC-5003)

Data security is a major concern for all businesses. With the rise of cloud computing and collaborative environments, ensuring the confidentiality and integrity of information is essential. This training program equips you with the skills needed to implement data protection and prevent data leaks using Microsoft Purview.

During this course, you will learn how to classify sensitive information, apply sensitivity labels, and implement Data Loss Prevention (DLP) strategies. Through hands-on exercises, you will gain practical experience in configuring protection policies tailored to your organization's needs.

### Master Information Protection Strategies

This training will guide you through the implementation of advanced solutions to secure your data within Office 365. You will explore the tools and features of Microsoft Purview that help identify, classify, and protect sensitive information. Additionally, you will learn how to manage compliance policies and optimize data governance.

### Niveau

Intermédiaire

### Course Content

#### Module 1: Introduction to information security and compliance in Microsoft Purview

- Discover Microsoft Purview tools and concepts for managing sensitive data
- Ensure data security and compliance throughout its lifecycle
- Understand the fundamentals of data security and compliance
- Identify and classify sensitive data
- Implement data protection strategies
- Prevent data loss and enforce security policies
- Govern and monitor sensitive data effectively

#### Module 2: Create and manage sensitive information types

- Understand sensitive information types and their role in data protection
- Compare built-in versus custom sensitive information types
- Create and manage custom sensitive information types
- Develop exact data match sensitive information types
- Implement document fingerprinting for advanced classification
- Utilize named entities for more accurate data identification
- Create and manage keyword dictionaries for sensitive data

#### Module 3: Create and configure sensitivity labels with Microsoft Purview

- Understand the role of sensitivity labels in data classification
- Create and configure sensitivity labels and associated policies
- Apply encryption with sensitivity labels for enhanced security

- Implement automatic labeling policies for data classification
- Monitor sensitivity labels using the data classification dashboard

#### **Module 4: Prevent data loss in Microsoft Purview**

- Understand the fundamentals of Data Loss Prevention (DLP)
- Plan and design DLP policies tailored to organizational needs
- Deploy and test DLP policies in simulation mode
- Create and manage DLP policies for data security
- Integrate Adaptive Protection with DLP policies
- Leverage DLP analytics to identify and mitigate data risks
- Monitor and respond to DLP alerts and activity tracking

#### **Module 5: Implement information protection and data loss prevention with Microsoft Purview**

- Set up an administrative environment for data protection
- Create and deploy a sensitive information type
- Define and publish a sensitivity label
- Develop and enforce a Data Loss Prevention (DLP) policy

#### **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**

- Access to Microsoft Learn, Microsoft's online learning platform, offering interactive resources and educational content to deepen your knowledge and develop your technical skills.

#### **Participant profiles**

- IT security managers
- Microsoft 365 administrators
- Governance and compliance consultants
- Cybersecurity analysts
- Data protection engineers

#### **Prerequisites**

- Basic understanding of Microsoft 365 products and services
- Knowledge of Microsoft Purview features
- Fundamental concepts of data security and protection

#### **Objectives**

- Understand data security and compliance principles with Microsoft Purview
- Create and manage sensitive information types to classify data
- Configure and apply sensitivity labels to protect information
- Implement Data Loss Prevention (DLP) strategies
- Use data governance tools to ensure compliance
- Analyze and monitor the use of information protection strategies

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#### **Classroom Registration Price (CHF)**

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900

**Virtual Classroom Registration Price (CHF)**

850

**Duration (in Days)**

1

**Reference**

SC-5003