

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

**Course Duration: 8 Hours**

**Course code: SC-5003**

## 1. Course Overview

The SC-5003 course is designed to provide learners with the knowledge and skills required to implement information protection and prevent data loss using Microsoft Purview. This training covers how to classify, label, and protect sensitive information throughout its lifecycle, ensuring regulatory compliance and data security within your organization. Participants will learn to deploy and manage data loss prevention (DLP) policies, configure sensitive information types, and use Microsoft Purview tools to safeguard organizational data across Microsoft 365 services.

## 2. What You'll Learn?

By the end of this course, you will be able to:

- Understand the capabilities of Microsoft Purview information protection and DLP solutions.
- Configure and publish sensitivity labels to protect data.
- Implement data loss prevention (DLP) policies across Microsoft 365 workloads.
- Monitor and analyze policy matches, incidents, and alerts.
- Use Microsoft Purview compliance portal to manage and monitor sensitive data.
- Protect data both within the Microsoft ecosystem and across external sharing scenarios.

## 3. Target Audience

This course is ideal for:

- Security administrators and compliance professionals.
- Information protection administrators.

- IT professionals responsible for managing data security, governance, and compliance.
- Anyone preparing for Microsoft certifications in security, compliance, and identity (SCI).

## 4. Pre-Requisites

Before attending this course, learners should have:

- Basic understanding of Microsoft 365 services and workloads.
- Familiarity with security and compliance concepts.
- General IT knowledge and experience in managing enterprise environments.

## 5. Course Content

### **Module 1: Introduction to Microsoft Purview Information Protection**

- Overview of Microsoft Purview compliance solutions.
- Understanding sensitivity labels and data classification.

### **Module 2: Implementing Sensitivity Labels**

- Creating and publishing sensitivity labels.
- Configuring encryption and content marking.
- Auto-labeling for Microsoft 365 workloads.

### **Module 3: Data Loss Prevention (DLP) in Microsoft 365**

- Introduction to DLP policies and templates.
- Creating and managing DLP policies.
- Testing, tuning, and enforcing DLP rules.

### **Module 4: Monitoring and Managing Data Protection**

- Reviewing DLP policy matches and incidents.
- Configuring alerts and reporting.
- Analyzing data insights in the Microsoft Purview compliance portal.

### **Module 5: Protecting Data Across Microsoft 365 and Beyond**

- Integration with SharePoint, OneDrive, Teams, and Exchange.
- Handling external sharing and collaboration securely.
- Extending data protection beyond Microsoft 365 services.