

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

Overview

Course Duration: 1 Days

About This Course

Gain the skills to use Microsoft Purview to improve your data security in Microsoft 365. In this training, you learn how to create sensitive information types, create sensitivity labels, and use auto-labeling policies based on these labels. You also learn how to set up DLP (Data Loss Prevention) policies to safeguard your organization's data.

Audience Profile

Students wishing to implement information protection and data loss prevention by using Microsoft Purview, Security Administrators and IT Professionals.

Course Outline

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

Discover the tools and concepts in Microsoft Purview for managing and protecting sensitive data. Understand how to keep data secure and compliant throughout its lifecycle across different environments.

Lesson

- Understand the importance of data security and compliance.
- Discuss Microsoft's approach to protecting and managing sensitive data using Microsoft Purview.
- Define key concepts related to data protection, lifecycle management, and compliance.
- Identify Microsoft Purview tools and solutions that support data protection and governance Strategies.

Module 2: Create and manage sensitive information types

Learn how to use sensitive information types to support your information protection strategy.

Lesson

- Recognize the difference between built-in and custom sensitivity labels.
- Configure sensitive information types with exact data match-based classification.
- Implement document fingerprinting.
- Create custom keyword dictionaries.

Module 3: Create and configure sensitivity labels with Microsoft Purview

Microsoft Purview sensitivity labels enable you to classify and protect sensitive data throughout your organization, including in the cloud and on devices. This module covers how to classify and protect sensitive information to ensure its security and compliance.

Lesson

- Understand the basics of Microsoft Purview sensitivity labels in Microsoft 365.
- Create and publish sensitivity labels to classify and safeguard data.
- Configure encryption settings with sensitivity labels for improved data security.
- Implement auto-labeling for consistent data classification and protection.
- Use the Microsoft Purview data classification dashboard to monitor sensitivity label usage.

Module 4: Prevent data loss with Microsoft Purview

Microsoft Purview Data Loss Prevention (DLP) helps safeguard sensitive information by monitoring and preventing accidental data leaks across your organization's digital platforms. In this module, you'll learn how to plan, deploy, and adjust DLP policies to protect sensitive data in your organization, ensuring security without disrupting daily work.

Lesson

- Understand the purpose and benefits of Microsoft Purview DLP.
- Plan, design, simulate, and deploy DLP policies.
- Apply Adaptive Protection for dynamic, risk-based data controls.
- Use DLP analytics to improve policy effectiveness.
- Monitor, investigate, and refine policies using alerts and activity tracking.

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

This module guides you through implementing data security with Microsoft Purview to enhance data protection and comply with data loss prevention standards within your organization.

Lesson

- Create sensitive information types.
- Implement sensitivity labels.
- Apply auto-labeling policies.
- Enforce data loss prevention policies.

Prerequisites

Before attending this course, students should have understood:

- Basic understanding of Microsoft 365 products and services
- Familiarity with Microsoft Purview
- An understanding of data security concept.