SC-401T00: Protect sensitive information with Microsoft Purview in the AI era

Category: Networking & Security | **Vendor:** Microsoft

Duration: 4.00 hours (1 days) **3.3 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format:	vILT
Certification:	Microsoft Applied Skills: Protect sensitive information with Microsoft Purview in the AI era
Related Exam:	SC-401

Course Overview

The Information Security Administrator course equips you with the skills needed to plan and implement information security for sensitive data using Microsoft Purview and related services. The course covers essential topics such as information protection, data loss prevention (DLP), retention, and insider risk management. You learn how to protect data within Microsoft 365 collaboration environments from internal and external threats. Additionally, you learn how to manage security alerts and respond to incidents by investigating activities, responding to DLP alerts, and managing insider risk cases. You also learn how to protect data used by AI services within Microsoft environments and implement controls to safeguard content in these environments.

About This Course

The Information Security Administrator course equips you with the skills needed to plan and implement information security for sensitive data using Microsoft Purview and related services. The course covers essential topics such as information protection, data loss prevention (DLP), retention, and insider risk management. You learn how to protect data within Microsoft 365 collaboration environments from internal and external threats. Additionally, you learn how to manage security alerts and respond to incidents by investigating activities, responding to DLP alerts, and managing insider risk cases. You also learn how to protect data used by AI services within Microsoft environments and implement controls to safeguard content in these environments.

Who Should Attend

SC-900T00: Introduction to Microsoft Security, Compliance, and Identity

Prerequisites & Entry Requirements

General Prerequisites:

Familarity with all Microsoft 365 services, PowerShell, Microsoft Entra, the Microsoft Defender portal, and Microsoft Defender for Cloud Apps.

Learning Outcomes

Upon successful completion of this course, participants will be able to:

Implement Microsoft Purview to classify, protect, and govern sensitive data.

Configure data loss prevention (DLP) policies to prevent unauthorized data sharing.

Manage insider risk using Microsoft Purview Insider Risk Management tools.

Apply sensitivity labels and encryption to enhance data security in Microsoft 365.

Secure AI environments by mitigating risks with Microsoft Purview solutions.

Implement retention policies and labels to ensure compliance with data regulations.

Investigate and respond to security incidents using Microsoft Purview Audit.

Monitor and manage data security risks across Microsoft 365 collaboration tools.

Detailed Course Outline

Protect sensitive data in a digital world

Introduction

The growing need for data protection

The challenges of managing sensitive data

Protect data in a Zero Trust world

Understand data classification and protection

Prevent data leaks and insider threats

Manage security alerts and respond to threats

Protect AI-generated and AI-processed data

Classify data for protection and governance

Introduction

Data classification overview

Classify data using sensitive information types

Classify data using trainable classifiers

Create a custom trainable classifier

Review and analyze data classification and protection

Introduction

Review classification and protection insights

Analyze classified data with data and content explorer

Monitor and review actions on labeled data

Create and manage sensitive information types

Introduction

Sensitive information type overview

Compare built-in versus custom sensitive information types

Create and manage custom sensitive information types

Create and manage exact data match sensitive info types

Implement document fingerprinting

Describe named entities

Create a keyword dictionary

Create and configure sensitivity labels with Microsoft Purview

Introduction

Sensitivity label overview

Create and configure sensitivity labels and label policies

Configure encryption with sensitivity labels

Implement auto-labeling policies

Track and evaluate sensitivity label usage in Microsoft Purview

Apply sensitivity labels for data protection

Introduction

Foundations of sensitivity label integration in Microsoft 365

Manage sensitivity labels in Office apps

Apply sensitivity labels with Microsoft 365 Copilot for secure collaboration

Protect meetings with sensitivity labels

Apply sensitivity labels to Microsoft Teams, Microsoft 365 groups, and SharePoint sites

Classify and protect on-premises data with Microsoft Purview

Introduction

Protect on-premises files with Microsoft Purview

Prepare your environment for the Microsoft Purview Information Protection scanner

Configure and install the Microsoft Purview Information Protection scanner

Run and manage the scanner

Enforce data loss prevention policies on on-premises files

Understand Microsoft 365 encryption

Introduction to Microsoft 365 encryption

Learn how Microsoft 365 data is encrypted at rest

Understand service encryption in Microsoft Purview

Explore customer key management using Customer Key

Learn how data is encrypted in-transit

Protect email with Microsoft Purview Message Encryption

Introduction

Understand message encryption

Plan for Microsoft Purview Message Encryption

Configure Microsoft Purview Message Encryption

Customize encrypted email branding with Microsoft Purview

Control encrypted email access with Advanced Message Encryption

Use Microsoft Purview Message Encryption templates in mail flow rules

Implement and manage Microsoft Purview Data Loss Prevention

Prevent data loss with Microsoft Purview

Introduction

Data loss prevention overview

Plan and design DLP policies

Understand DLP policy deployment and simulation mode

Create and manage DLP policies

Integrate Adaptive Protection with DLP

Use DLP analytics (preview) to identify data risks

Understand DLP alerts and activity tracking

Implement endpoint data loss prevention (DLP) with Microsoft Purview

Introduction

Endpoint data loss prevention (DLP) overview

Understand the endpoint DLP implementation workflow

Onboard devices for endpoint DLP

Configure settings for endpoint DLP

Create and manage endpoint DLP policies

Deploy the Microsoft Purview browser extension

Configure just-in-time (JIT) protection

Configure DLP policies for Microsoft Defender for Cloud Apps and Power Platform

Introduction

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

Investigate and respond to Microsoft Purview Data Loss Prevention alerts

Introduction

Understand data loss prevention (DLP) alerts

Understand the DLP alert lifecycle

Configure DLP policies to generate alerts

Investigate DLP alerts in Microsoft Purview

Investigate DLP alerts in Microsoft Defender XDR

Investigate DLP alerts with Security Copilot and AI agents

Respond to DLP alerts

Exercise – Investigate a DLP alert and related incident

Implement and manage Microsoft Purview Insider Risk Management

Understand Microsoft Purview Insider Risk Management

Introduction

What is an insider risk?

Microsoft Purview Insider Risk Management overview

Microsoft Purview Insider Risk Management features

Case study – Protect sensitive data with Insider Risk Management

Prepare for Microsoft Purview Insider Risk Management

Introduction

Plan for Insider Risk Management

Prepare your organization for Insider Risk Management

Configure settings for Insider Risk Management

Integrate Insider Risk Management with data sources and tools

Create and manage Insider Risk Management policies

Introduction

Understand Insider Risk Management policy templates

Compare quick and custom insider risk policies

Create a custom Insider Risk Management policy

Manage policies in Insider Risk Management

Investigate insider risk alerts and related activity

Introduction

Understand insider risk alerts and investigations

Manage alert volume in Insider Risk Management

Investigate and triage insider risk alerts in Microsoft Purview

Investigate insider risk alerts with Security Copilot and AI agents

Analyze alert context with the All risk factors tab

Investigate activity details with the Activity explorer tab

Review patterns over time with the User activity tab

Investigate insider risk alerts in Microsoft Defender XDR

Manage and take action on insider risk cases

Exercise – Investigate potential data theft using Insider Risk Management

Implement Adaptive Protection in Insider Risk Management

Introduction

Adaptive Protection overview

Understand and configure risk levels in Adaptive Protection

Configure Adaptive Protection

Manage Adaptive Protection

Secure AI interactions and environments with Microsoft Purview

Understand How to Secure AI Data with Microsoft Purview

Introduction

Understand AI data security risks

Understand how Microsoft Purview secures AI data

Evaluate compliance risks for AI usage

Identify AI-related data exposure risks

Understand how Microsoft Purview controls AI data access

Detect and respond to risky AI activity

Retain and search Copilot prompts and responses

Secure Microsoft 365 Copilot interactions with Microsoft Purview

Introduction

Understand how Microsoft 365 Copilot changes data protection needs

Assess Copilot regulatory compliance with Compliance Manager

Audit Copilot interactions with Microsoft Purview

Analyze Copilot interactions with Communication Compliance

Classify and protect Copilot content with sensitivity labels

Apply DLP policies to Microsoft 365 Copilot

Apply retention policies to Copilot prompts and responses

Investigate and delete Copilot activity with eDiscovery

Secure enterprise and browser-based AI apps with Microsoft Purview

Introduction

Understand risks from enterprise and non-Microsoft AI tools

Assess AI usage for security and compliance

Identify policy violations with Communication Compliance

Detect risky AI usage with Insider Risk Management

Protect sensitive data in AI apps with Microsoft Purview DLP

Case study – Use Adaptive Protection to respond to AI-related risk

Apply retention policies to AI app prompts and responses

Secure developer AI environments with Microsoft Purview

Introduction

Understand risks and responsibilities in AI development environments

Discover and assess AI apps with DSPM for AI

Classify, restrict, and retain AI prompt data

Enforce protections in Azure AI services and Azure AI Foundry

Apply controls for Microsoft Entra-registered custom AI apps

Secure AI agents built in Copilot Studio

Manage data risks in Copilot in Fabric

Investigate and respond to risky AI activity

Implement and manage Microsoft 365 retention and recovery

Understand retention in Microsoft Purview

Introduction

Overview of retention and the data lifecycle

Understand retention labels and retention policies

Decide when to apply retention

Implement and manage Microsoft 365 retention and recovery

Introduction

Plan for retention and disposition with retention labels

Create and publish retention labels

Create and manage auto-apply retention labels

Create and configure adaptive scopes

Create and configure retention policies

Understand policy and label precedence in Microsoft Purview

Recover content in Microsoft 365 workloads

Audit and search activity in Microsoft Purview

Search and investigate with Microsoft Purview Audit

Introduction

Microsoft Purview Audit overview

Configure and manage Microsoft Purview Audit

Conduct searches with Audit (Standard)

Audit Microsoft Copilot for Microsoft 365 interactions

Investigate activities with Audit (Premium)

Export audit log data

Configure audit retention with Audit (Premium)

Search for content with Microsoft Purview eDiscovery

Introduction

Understand eDiscovery and content search capabilities

Prerequisites for using eDiscovery in Microsoft Purview

Create an eDiscovery search

Conduct an eDiscovery search

Export eDiscovery search results

📚 Certification Path

Microsoft Applied Skills: Protect sensitive information with Microsoft Purview in the AI era

Exam: SC-401

Upcoming Schedule

Available training dates for SC-401T00: Protect sensitive information with Microsoft Purview in the AI era:

Start Date	End Date	Location	Delivery	Price
07 Dec 2026	10 Dec 2026	Online	Virtual	€2,495.00

Frequently Asked Questions

Q: What delivery options are available for SC-401T00: Protect sensitive information with Microsoft Purview in the AI era?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
- Traditional Instructor-Led Classroom Training (ILT)
- On-site delivery at your offices anywhere in United Kingdom
- Private dedicated courses customized for your team

Q: What certification does this course prepare me for?

The SC-401T00: Protect sensitive information with Microsoft Purview in the AI era course helps prepare you for the Microsoft Applied Skills: Protect sensitive information with Microsoft Purview in the AI era certification path.

Q: Which exam does this course prepare me for?

This course prepares you for the SC-401 official exam. You can take this exam at any exam center across United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online wherever you are located.

Q: How many CPD hours does this course provide?

The 1-day SC-401T00: Protect sensitive information with Microsoft Purview in the AI era course provides up to 3.3 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the SC-401T00: Protect sensitive information with Microsoft Purview in the AI era training?

The training takes place over 1 day(s), with each day lasting approximately 4.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for SC-401T00: Protect sensitive information with Microsoft Purview in the AI era?

Yes, we provide corporate training, dedicated training, and closed classes for SC-401T00: Protect sensitive information with Microsoft Purview in the AI era. Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

Q: What related terms do people search for?

Popular related searches include: SC-401T00: Protect sensitive information with Microsoft Purview in the AI era, Microsoft, vILT, SC-401T00

Q: Why choose Nexus Human for SC-401T00: Protect sensitive information with Microsoft Purview in the AI era?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your SC-401T00: Protect sensitive information with Microsoft Purview in the AI era training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

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