

PROFESSIONAL COURSE OUTLINE

Microsoft

SC-401

Information Security Administrator Associate

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.

Security

Intermediate

M365 Security Center

PROGRAM CODE

SC-401

DELIVERY

Virtual, On-site, or Hybrid

DURATION

4 days

CERTIFICATION

**Microsoft Certified:
Information Security
Administrator Associate**

AUDIENCE PROFILE

Who This Program Is For

As an Information Security Administrator, you plan and implement information security for sensitive data using Microsoft Purview and related services. You're responsible for mitigating risks by protecting data within Microsoft 365 collaboration environments from internal and external threats, as well as safeguarding data used by AI services. Your role involves implementing information protection, data loss prevention (DLP), retention, and insider risk management. You also manage security alerts and respond to incidents by investigating activities, responding to DLP alerts, and managing insider risk cases. In this role, you collaborate with other roles responsible for governance, data, and security to develop policies that address your organization's information security and risk reduction goals. You work with workload administrators, business application owners, and governance stakeholders to implement technology solutions that support these policies and controls.

PROGRAM SUMMARY

What This Course Covers

As an Information Security Administrator, you plan and implement information security of sensitive data by using Microsoft Purview and related services.



Plan the next session

We can tune this outline around your delivery goals and team mix.

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TAILORED DELIVERY

Adapt the program around your team.

This outline can be adapted for virtual, on-site, or hybrid delivery, with emphasis adjusted for your team's platform priorities, role mix, and implementation goals.

Enterprise-ready delivery format

VNode ITeS can align labs, examples, delivery pace, and assessment checkpoints to the required audience profile while preserving the official program sequence where applicable.

COMPLETE MODULE SEQUENCE

Module Flow and Topic Coverage

The structure below presents the current delivery flow for this program, including the associated topics covered under each module.

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MODULE 1

Implement Microsoft Purview Information Protection

Organizations need to classify, label, and protect sensitive data to prevent exposure and ensure compliance. Microsoft Purview solutions provide data classification, sensitivity labels, and encryption to secure information across Microsoft 365 and on-premises storage. This learning path aligns with exam SC-401: Microsoft Information Security Administrator.

- Protect sensitive data in a digital world
- Classify data for protection and governance
- Review and analyze data classification and protection
- Create and manage sensitive information types
- Create and configure sensitivity labels with Microsoft Purview
- Apply sensitivity labels for data protection
- Classify and protect on-premises data with Microsoft Purview
- Understand Microsoft 365 encryption
- Protect email with Microsoft Purview Message Encryption

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MODULE 2

Implement and manage Microsoft Purview Data Loss Prevention

Organizations need to prevent data loss and safeguard sensitive information to meet security and compliance goals. Microsoft Purview provides DLP capabilities to detect and respond to risky activities across cloud and endpoint environments. Learn how to design, configure, and manage DLP policies using Microsoft Purview. This learning path aligns with exam SC-401: Microsoft Information Security Administrator.

- Understand and plan data loss prevention
- Create and manage data loss prevention policies
- Implement endpoint data loss prevention (DLP) with Microsoft Purview
- Configure DLP policies for Microsoft Defender for Cloud Apps and Power Platform
- Investigate and respond to Microsoft Purview Data Loss Prevention alerts

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MODULE 3

Implement and manage Microsoft 365 retention and recovery

Retention helps organizations meet compliance requirements and manage the lifecycle of data in Microsoft 365. This learning path shows how to configure retention labels and policies, apply them with adaptive scopes, and recover deleted content in Microsoft 365 workloads. It aligns with exam SC-401: Microsoft Information Security Administrator.

- Understand retention in Microsoft Purview
- Implement and manage Microsoft 365 retention and recovery

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MODULE 4

Implement and manage Microsoft Purview Insider Risk Management

Implement Microsoft Purview Insider Risk Management to detect, investigate, and respond to internal risks while protecting data, ensuring compliance, and maintaining employee trust.

- Understand Microsoft Purview Insider Risk Management
- Prepare for Microsoft Purview Insider Risk Management
- Create and manage Insider Risk Management policies
- Investigate insider risk alerts and related activity
- Implement Adaptive Protection in Microsoft Purview

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MODULE 5

Audit and search activity in Microsoft Purview

Logging actions and locating content are essential for investigating events, supporting compliance efforts, and maintaining transparency. Microsoft Purview provides audit and content search capabilities to help organizations understand what actions were taken and find specific items across Microsoft 365 services. This learning path aligns with exam SC-401: Microsoft Information Security Administrator.

- Search and investigate with Microsoft Purview Audit
- Search for content with Microsoft Purview eDiscovery

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MODULE 6

Secure AI interactions and environments with Microsoft Purview

AI is changing how people work and introduces new risks for data exposure. Explore how Microsoft Purview protects sensitive information in AI-enabled environments across Microsoft 365 Copilot, non-Microsoft AI apps, and developer AI scenarios. This learning path aligns with exam SC-401: Microsoft Information Security Administrator.

- Understand How to Secure AI Data with Microsoft Purview
- Secure Microsoft 365 Copilot interactions with Microsoft Purview
- Secure enterprise and browser-based AI apps with Microsoft Purview
- Secure developer AI environments with Microsoft Purview