

Microsoft 365 - information security administrator

Course code: MOC SC-401

The four-days instructor-led 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.

Prerequisites

Knowledge in extent of the courses which are listed in the bellow sections **Previous Courses** and **Related Courses**

Good understanding of TCP/IP and DNS technologies

Course outline

- Implement Microsoft Purview Information Protection
- 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
- Implement and manage Microsoft Purview Data Loss Prevention
- 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 to identify data risks
- Understand DLP alerts and activity tracking
- Implement and manage Microsoft Purview Insider Risk Management
- Microsoft Purview Insider Risk Management features
- Secure AI interactions and environments with Microsoft Purview
- 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
- Implement and manage Microsoft 365 retention and recovery
- Understand retention labels and retention policies
- Decide when to apply retention

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Audit and search activity in Microsoft Purview

Preparation for Microsoft certification

Most Microsoft certification exams do not require students to attend an official MOC course in order to pass the exam.

This applies to all certifications except for MCM

Official Microsoft MOC courses as well as our own GOC courses are good ways of preparation for Microsoft certifications such as MCP, MTA, MCSA, MCSE or MCM

This does not mean that official MOC courses would serve as the only necessary preparation. The primary goal of an MOC course is to provide for sufficient theoretical knowledge and practical experience to effectively work with the related product

MOC courses usually cover most of the topics required by their respective certification exams, but often do not give every topic the same amount of time and emphasis as may be required to completely pass the exam

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