

Protect sensitive information with Microsoft Purview in the AI era

Courses Code: SC-401T00

Duration: 4 Days

Delivery Mode: Instructor-led Training (ILT) | Virtual Instructor led Training (VILT)

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.

Skills Covered

- Describe challenges in protecting sensitive data across cloud and AI environments.
- Explain how Microsoft Purview enables data classification, labeling, and protection.
- Identify how data loss prevention (DLP) prevents unauthorized data sharing.
- Understand how Insider Risk Management helps detect potential threats.
- Explore security monitoring tools for detecting and responding to data risks.

Who Should Attend

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



Prerequisites

- Basic understanding of Microsoft 365 security and compliance concepts
- Familiarity with identity and access management is beneficial

Course Modules

1. Implement Microsoft Purview Information Protection

Organizations need effective information protection to prevent data exposure, ensure compliance, and maintain security across cloud and on-premises environments. Microsoft Purview enables classification, labeling, and encryption to safeguard sensitive data across Microsoft 365 services, Exchange, and on-premises storage.

2. Implement and manage Microsoft Purview Data Loss Prevention

Organizations must prevent data loss and protect sensitive information across cloud and endpoint environments. Microsoft Purview provides data loss prevention (DLP) policies to detect, restrict, and respond to risky activities involving sensitive data. Learn how to plan and configure DLP policies, track policy effectiveness, and analyze data security risks to improve your organization's protection strategy.

3. 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.

4. Protect data in AI environments with Microsoft Purview

AI tools like Microsoft Copilot are changing the way people work, but they also increase the risk of oversharing and accidental data exposure. Microsoft Purview helps organizations apply the right controls to keep sensitive data protected across AI-enabled environments.

5. Implement and manage Microsoft 365 retention and recovery

Learn how to manage the data lifecycle in Microsoft 365 using retention policies and labels. Understand how to configure and apply retention settings that meet organizational requirements for preserving or deleting content across Microsoft 365 services.

6. Audit and search activity in Microsoft Purview

Understand how to use Microsoft Purview to log activity and search for content across Microsoft 365 services. Learn how audit logging supports investigations and compliance requirements, and how content search can help locate specific emails, documents, and other items when needed.

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