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Learning Style: Online Instructor-Led

Technology: Microsoft

Difficulty: Intermediate

Course Duration: 4 Days

Information Security Administrator SC-401



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.

Course Objectives:

- 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.

Audience:

- Security Administrator
- Security Governance and Risk Manager

Prerequisites:

- Basic understanding of Microsoft 365 and Azure services
- Familiarity with security, compliance, and identity concepts
- Experience with using Microsoft security solutions (e.g., Microsoft Defender, Sentinel) is beneficial but not required

Course Outline:

- Implement Information Protection
- Implement and manage data loss prevention
- Implement and manage Microsoft Purview Insider Risk Management
- Protect data in AI environments
- Implement and manage retention in Microsoft Purview