



SC-401: Information Security Administrator Associate

Course Overview

As an Information Security Administrator, you safeguard sensitive data using Microsoft Purview and related services. Your role involves mitigating risks within Microsoft 365 collaboration environments and AI services, implementing data protection, loss prevention, retention, and insider risk management. You manage security alerts and activities, working with governance, data, and security roles to develop policies that meet organizational security goals. Collaboration with workload administrators, business application owners, and governance stakeholders is key to implementing necessary policies and controls. Familiarity with Microsoft 365 services, PowerShell, Microsoft Entra, the Microsoft Defender portal, and Microsoft Defender for Cloud Apps is essential.

Key Features

- **Hands-on Experience:** 50% to 60% of the training focuses on practical lab sessions to enhance critical thinking and application of concepts.
- **Dynamic Learning Approach:** The program combines virtual and in-person classes, designed to foster problem-solving through interactive, real-time scenarios.
- **Expert-Led Instruction:** Delivered by Microsoft-certified trainers who provide mentorship, ensuring competency development through structured learning.

- **Integrated Learning Platforms:** Access to the Learning Management System (LMS) offering ongoing support and tailored study resources.
- **Comprehensive Study Materials:** Learners receive extensive materials that cover all aspects of exam preparation, from foundational knowledge to advanced topics.
- **Curriculum Aligned with Industry Standards:** As a Microsoft Learning Partner, we provide a syllabus designed to meet the latest industry requirements and best practices.

Who Should Attend?

- Security Administrators & Analysts
- IT Administrators & Compliance Officers
- Microsoft 365 Administrators

Prerequisites

- Basic Understanding of Microsoft 365 Security
- Fundamental Cybersecurity Knowledge
- General IT Administration Skills

Course Modules

Module 1 Implement Microsoft Purview Information Protection

- 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

Module 2 Implement and manage Microsoft Purview Data Loss Prevention

- Prevent data loss in Microsoft Purview
- 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

Module 3 Implement and manage Microsoft Purview Insider Risk Management

- 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 Insider Risk Management

Module 4 Protect data in AI environments with Microsoft Purview

- Discover AI interactions with Microsoft Purview
- Protect sensitive data from AI-related risks
- Govern AI usage with Microsoft Purview
- Assess and mitigate AI risks with Microsoft Purview

Module 5 Implement and manage retention and recovery in Microsoft Purview

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

Module 6 Audit and search activity in Microsoft Purview

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

About CloudThat

Established in 2012, CloudThat is an award-winning company and the first in India to offer cloud training and consulting services for individuals and enterprises worldwide. Recently, it won Google Cloud's New Training Partner of the Year Award for 2025, becoming the first company in the world in 2025 to hold awards from all three major cloud giants: AWS, Microsoft, and Google. CloudThat notably won consecutive AWS Training Partner of the Year (APJ) awards in 2023 and 2024 and the Microsoft Training Services Partner of the Year Award in 2024, bringing its total award count to an impressive 12 awards in the last 8 years.

CloudThat specializes in Cloud Migration, Data Platforms, DevOps, IoT, and cutting-edge technologies like Gen AI & AI/ML. As a Microsoft Solutions Partner, AWS Premier Tier Training Partner, Google Cloud Platform Partner, and collaborator with leading organizations like HPE, Oracle, Nvidia and Databricks, CloudThat has trained over 850,000 professionals across 600+ cloud certifications, empowering students and professionals worldwide to advance their skills and careers.

Our Success Track

13+ Years of Experience	200+ Corporates served	30+ countries catered
850K+ Professionals trained	500+ Projects delivered	600+ Cloud certifications

To know more about our cloud certification training, email at sales@cloudthat.com or call us at **+918880002200**.