

KOENIG SOLUTIONS • COURSE OUTLINE

Microsoft 365 for Security and Compliance Administrators

MS-101, SC-200 and SC-400

4 Days

DURATION

8

MODULES

32

TOPICS

23

HANDS-ON LABS

COURSE OVERVIEW

This course covers security and compliance capabilities within Microsoft 365, beginning with security metrics such as Secure Score, Privileged Identity Management and Azure Identity Protection. It then examines Microsoft 365 security services including Exchange Online Protection, Microsoft Defender for Office 365, Safe Attachments and Safe Links, before moving into threat intelligence with Microsoft Defender for Identity and Microsoft Cloud Application Security. Data governance topics follow, covering archiving, retention, Information Rights Management, message encryption, data loss prevention policies, information barriers and sensitivity labels, along with content search, audit log investigations and Advanced eDiscovery. The course closes with constructing and analysing queries for Microsoft Sentinel using Kusto Query Language (KQL).

WHO THIS COURSE IS FOR

Security Administrators

Compliance Administrators

Identity Administrators

Security Operations Analysts

Messaging Administrators

PREREQUISITES

- Basic understanding of Microsoft 365 administration
- Fundamental understanding of Microsoft security, compliance, and identity products
- Basic understanding of Windows PowerShell / scripting concepts.
- Completed M365 administrator course such as Messaging, Teams, Security and Compliance, or Collaboration.
- A proficient understanding of DNS.
- A proficient understanding of general IT practices.

What You Will Learn

- Explain Microsoft 365 security solutions and Secure Score
- Describe Privileged Identity Management and Azure Identity Protection
- Configure Safe Attachments and Safe Links policies
- Implement Microsoft Defender for Identity and Cloud Application Security
- Apply retention, archiving and message encryption settings
- Create data loss prevention policies and sensitivity labels
- Conduct content searches and audit log investigations
- Build KQL queries to analyse data in Microsoft Sentinel

COURSE SYLLABUS

8 Modules, 32 Topics

01

3 Labs

Explore Security Metrics in Microsoft 365

TOPICS

Explore security solutions in Microsoft 365 · Examine Microsoft Secure Score · Examine Privileged Identity Management · Examine Azure Identity Protection

02

3 Labs

Manage Your Microsoft 365 Security Services

TOPICS

- Examine Exchange Online Protection
- Examine Microsoft Defender for Office 365
- Manage Safe Attachments
- Manage Safe Links
- Explore reporting in the Microsoft 365 security services

03

7 Labs

Implement Threat Intelligence in Microsoft 365

TOPICS

- Explore the Security Dashboard
- Implement Microsoft Defender for Identity
- Implement Microsoft Cloud Application Security

04**3 Labs**

Introduction to Data Governance in Microsoft 365

TOPICS

Explore archiving in Microsoft 365 · Explore retention in Microsoft 365 · Explore Information Rights Management · Explore Office 365 Message Encryption

05**3 Labs**

Implement Data Governance in Microsoft 365

TOPICS

- Implement compliance solutions
- Create information barriers in Microsoft 365
- Create a DLP policy from a built-in template
- Create a custom DLP policy
- Create a DLP policy to protect documents
- Implement policy tips for DLP policies

06**Lab**

Manage Data Governance in Microsoft 365

TOPICS

Explore sensitivity labels · Implement sensitivity labels · Implement Data Governance

07**2 Labs**

Manage Content Search and Investigations in Microsoft 365

TOPICS

- Search for content in the Microsoft 365 Compliance center
- Conduct audit log investigations
- Manage Advanced eDiscovery

08**Lab**

Create Queries for Microsoft Sentinel Using Kusto Query Language (KQL)

TOPICS

- Construct KQL statements for Microsoft Sentinel
- Analyze query results using KQL
- Build multi-table statements using KQL
- Work with data in Microsoft Sentinel using Kusto Query Language

Practise What You Learn

#	MODULE	ACTIVITY
01	Explore Security Metrics in Microsoft 365	■ Tenant Setup and Privileged Identity Management ■ Initialize your Microsoft 365 Tenant ■ PIM Resource Workflows
02	Manage Your Microsoft 365 Security Services	■ Implement a Safe Attachments policy ■ Implement a Safe Links policy ■ Guided demo for Microsoft defender for Office 365
03	Implement Threat Intelligence in Microsoft 365	■ Conduct a Spear Phishing attack using the Attack Simulator ■ Conduct Password attacks using the Attack Simulator ■ Prepare for Alert Policies ■ Implement a Mailbox Permission Alert ■ Implement a SharePoint Permission Alert ■ Guided Demo for Microsoft Defender for Identity ■ Guided Demo for Microsoft Cloud Application Security
04	Introduction to Data Governance in Microsoft 365	■ Configure Microsoft 365 Message Encryption ■ Validate Information Rights Management ■ Configure Retention Tags and Policies
05	Implement Data Governance in Microsoft 365	■ Manage DLP Policies ■ Test MRM and DLP Policies ■ Guided demo for Insider Risk Management
06	Manage Data Governance in Microsoft 365	Implement sensitivity labels
07	Manage Content Search and Investigations in Microsoft 365	■ Conduct a data search ■ Investigate Your Microsoft 365 Data
08	Create Queries for Microsoft Sentinel Using Kusto Query Language (KQL)	Create queries for Microsoft Sentinel using Kusto Query Language (KQL)

WHAT IS INCLUDED

Everything You Need to Succeed

- Koenig course material for every module
- Delivery by certified instructors and subject matter experts
- Hands-on exercises throughout the course
- Course completion certificate from Koenig

ABOUT KOENIG

Who We Are

Established in 1993, Koenig Solutions is a globally recognised training provider with 35+ technology partnerships, 5,000+ training programmes and a network of certified instructors and subject matter experts, supporting individuals and enterprise teams worldwide.

FLEXIBLE DELIVERY

Learn the Way That Suits You

Classroom Training

Live Online Classes (ILO)

Fly-Me-A-Trainer (FMAT)

Flexi (Self-Paced)

1-on-1 Training

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