

KOENIG SOLUTIONS • COURSE OUTLINE

M365 Security & Compliance Mastery: Fundamental to Advanced Strategies with Power BI

Learn to secure and govern M365 environments with Microsoft Entra and Purview, from entitlement management to eDiscovery and Power BI governance.

13

MODULES

66

TOPICS

25

HANDS-ON LABS

COURSE OVERVIEW

Dive into the comprehensive world of M365 security and compliance with this in-depth course, designed to take you from foundational concepts to advanced implementation. Begin by exploring core security principles, including the shared responsibility model, defense in depth, and the Zero Trust framework. Learn about critical identity concepts, plan and implement effective entitlement management, and manage privileged access with Microsoft Entra. As you progress, master the nuances of information protection, data loss prevention, and retention strategies using Microsoft Purview. Gain hands-on experience with practical exercises, from configuring sensitive information types to creating and managing eDiscovery cases. Additionally, the course delves into the fundamentals of AI and Generative AI, with a focus on responsible AI practices. You'll also explore Microsoft Copilot for Security, including its core features, embedded experiences, and real-world use cases. By the end of the course, you'll be equipped with the skills and knowledge needed to secure, monitor, and manage M365 environments effectively, ensuring compliance and protecting sensitive data across your organization.

WHO THIS COURSE IS FOR

Security Administrators

Compliance Administrators

Identity Administrators

Data Governance Officers

Power BI Administrators

PREREQUISITES

Required Prerequisites

- A basic understanding of Microsoft 365 services and administration.
- Familiarity with fundamental IT security concepts, including authentication, authorization, and encryption.
- Experience with Microsoft Azure and Active Directory is recommended.
- Basic knowledge of cloud computing and enterprise IT environments.
- Prior experience with security and compliance tools is beneficial.

What You Will Learn

- Plan and configure entitlement management and access packages
- Implement and monitor recurring access reviews
- Configure privileged access with Privileged Identity Management
- Create and manage custom sensitive information types
- Configure sensitivity labels and auto-labeling policies
- Implement data loss prevention policies and endpoint DLP
- Configure retention policies, labels and event-based retention
- Manage eDiscovery cases and communication compliance

COURSE SYLLABUS

13 Modules, 66 Topics

01

3 Labs

Plan and Implement Entitlement Management

TOPICS

Introduction · Define access packages · Configure entitlement management · Configure and manage connected organizations · Review per-user entitlements

02

Plan, Implement, and Manage Access Review

TOPICS

- Introduction
- Plan for access reviews
- Create access reviews for groups and apps
- Create and configure access review programs
- Monitor access review findings
- Automate access review management tasks
- Configure recurring access reviews

03

3 Labs

Plan and Implement Privileged Access

TOPICS

- Introduction
- Define a privileged access strategy for administrative users
- Configure Privileged Identity Management for Azure resources
- Plan and configure Privileged Access Groups
- Analyze Privileged Identity Management audit history and reports
- Create and manage emergency access accounts

04

Create and Manage Sensitive Information Types

TOPICS

- Introduction
- Compare built-in versus custom sensitive information types
- Create and manage custom sensitive information types
- Describe custom sensitive information types with exact data match
- Implement document fingerprinting
- Describe named entities
- Create keyword dictionary

05

Create and Configure Sensitivity Labels with Microsoft Purview

TOPICS

- Introduction
- Sensitivity label overview
- Create and configure sensitivity labels and label policies
- Configure encryption with sensitivity labels
- Implement auto-labeling policies
- Use the data classification dashboard to monitor sensitivity labels

06

Prevent Data Loss in Microsoft Purview

TOPICS

- Introduction
- Data loss prevention overview
- Identify content to protect
- Identify sensitive data with optical character recognition (preview)
- Define policy settings for your DLP policy
- Test and create your DLP policy
- Prepare Endpoint DLP
- Manage DLP alerts in the Microsoft Purview compliance portal
- View data loss prevention reports
- Implement the Microsoft Purview Extension

07

Implement Information Protection and Data Loss Prevention with Microsoft Purview

4 Labs

TOPICS

- Introduction

08**5 Labs**

Implement and Manage Retention with Microsoft Purview

TOPICS

- Understand the differences between retention policies and retention labels
- Configure retention policies
- Create, publish, and automate retention labels
- Implement event-based retention
- Configure adaptive and static scopes
- Declare items as records and manage them through disposition reviews

09**4 Labs**

Manage Microsoft Purview eDiscovery (Premium)

TOPICS

- Explore Microsoft Purview eDiscovery (Premium)
- Implement Microsoft Purview eDiscovery (Premium)
- Create and manage an eDiscovery (Premium) case
- Analyze case content

10**3 Labs**

Prepare Microsoft Purview Communication Compliance

TOPICS

Set up communication compliance · Investigate and remediate alerts · Maintain communication compliance

11**3 Labs**

Govern Organizational Data Using Microsoft Purview Data Lifecycle Management

TOPICS

- Explore data governance solutions in Microsoft Purview
- Explore data management practices in Microsoft 365
- Explore retention in Microsoft 365

12

Minimize Internal Risks with Microsoft Purview Insider Risk Management

TOPICS

Insider risk management planning · Insider risk management policies · Insider risk management activities and alerts · Insider risk management cases

13

Power BI and Purview Implementation

TOPICS

Why governance for Power BI · Governance challenges · Benefits of Purview Integration · Risk and Compliance

HANDS-ON LABS

Practise What You Learn

#	MODULE	ACTIVITY
01	Plan and Implement Entitlement Management	- Create and manage a resource catalogs with Microsoft Entra entitlement management - Add terms of use acceptance report - Manage the lifecycle of external users with Microsoft Entra identity governance
03	Plan and Implement Privileged Access	- Configure Privileged Identity Management for Microsoft Entra roles - Assign Microsoft Entra roles in Privileged Identity Management - Assign Azure resource roles in Privileged Identity Management
07	Implement Information Protection and Data Loss Prevention with Microsoft Purview	- Create a sensitive info type - Create and publish a sensitivity label - Create and assign an auto-labeling policy - Create a data loss prevention (DLP) policy
08	Implement and Manage Retention with Microsoft Purview	- Create a retention policy in the Microsoft Purview portal - Create a retention policy using PowerShell - Create a retention label - Create a retention label policy - Create an auto-apply retention label
09	Manage Microsoft Purview eDiscovery (Premium)	- Create a case in eDiscovery (Premium) - Create data sources - Create a collection estimate - Create a review set
10	Prepare Microsoft Purview Communication Compliance	- Configure a custom communication compliance policy - Test your custom policy - Manage the communication compliance policy

#	MODULE	ACTIVITY
11	Govern Organizational Data Using Microsoft Purview Data Lifecycle Management	■ Activate In-Place Archiving for a new user's mailbox ■ Create an email retention policy for test users ■ Create an email retention policy for all users

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

Ready to Get Started?

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✉ info@koenig-solutions.com