training code: SC-5003 / ENG DL 1d / EN

Implement information protection and data loss prevention by using Microsoft Purview

A training course designed to prepare participants for practical work with Microsoft Purview solutions in the areas of information protection and data loss prevention (DLP) within the Microsoft 365 environment. The scope includes creating and managing Sensitive Information Types, defining and publishing Sensitivity Labels, applying automatic labeling, and designing and implementing DLP policies to protect organizational data.

Training recipients

- Microsoft 365 administrators and those responsible for security and compliance configuration.
- Information Protection administrators implementing data classification and labeling.
- Security professionals and SOC analysts who need to understand data protection mechanisms and policy enforcement.
- Auditors and those supporting regulatory requirements who need to understand how Microsoft Purview helps protect and control data.

Benefits

1. Understanding key concepts of information protection and compliance in Microsoft Purview – how to approach data classification, protection, and control in Microsoft 365.
2. Creating and configuring Sensitive Information Types – including custom types and Exact Data Match scenarios.
3. Designing and publishing sensitivity labels and labeling policies – including content tagging and

protection options.

4. Implementing auto-labeling to ensure consistent data classification across the organization.
5. Implementing Data Loss Prevention (DLP) policies in Microsoft Purview – planning, testing, fine-tuning, and enforcing policies that mitigate the risk of data leaks.
6. Monitoring and analyzing policy compliance, alerts, and data protection incidents in the Microsoft Purview compliance portal.

Training program

1.Introduction to Information Security and Compliance in Microsoft Purview.
- Fundamentals of data protection and compliance with Microsoft Purview.
- Data identification, data protection, and data loss prevention – an overview of tools and approaches.

2.Creating and managing Sensitive Information Types.
- Built-in vs. custom types.
- Creating and maintaining custom Sensitive Information Types.
- Exact Data Match classification – overview and application.

3.Creating and configuring sensitivity labels in Microsoft Purview.
- Labels and labeling policies – design and publication.
- Tracking and evaluating label usage (reporting/insights).

4.Data Loss Prevention (DLP) in Microsoft Purview.
- Planning and creating DLP policies (templates, conditions, actions).
- Testing, fine-tuning, and deploying policies in enforcement mode.
- Monitoring DLP matches, alerts, and incidents.

5.End-to-end scenario: implementing information protection and DLP in Microsoft Purview.

Expected preparation of the participant

- Basic knowledge of Microsoft 365 services (e.g., Exchange Online, SharePoint Online, OneDrive, Teams).
- General understanding of data protection concepts (data classification, security policies, compliance/regulations).
- Basic knowledge of the Microsoft Purview portal (recommended but not required).
- Completion of an introductory course on Microsoft Security/Compliance, such as SC-900, is recommended.

To increase the comfort of work and training’s effectiveness we suggest using an additional monitor. The

lack of additional monitor does not exclude participation in the training, however, it significantly influences the comfort of work during classes.
You can find information and requirements of participation in Distance Learning trainings at: https://www.altkomakademia.pl/en/how-it-works/about-courses/

Training Includes

- manual in electronic form available on the platform: https://learn.microsoft.com/pl-pl/training/
- access to Altkom Akademia's student portal

Duration

1 days / 7 hours

Language

- **Training**: English
- **Materials**: Englisha