training code: AZ-500 / ENG DL 4d / EN

Microsoft Azure Security Technologies

Purpose of the training

The training is aimed:

- at the people responsible for security management in Azure Cloud.

The course includes such issues as:

- implementing security control
- maintaining security position
- identifying and removing holes in security using different security tools
- scripts and automation
- virtualization and N &ndash layer architecture in Cloud.

Benefits of completing the training

Successful learners **AZ-500** will have prior knowledge and understanding of:

- gaining knowledge
- skills from Azure platform **security management**.

Including acquaintance with:

- specialist data classificaitons on Azure platform
- process of identifying Azure **data security mechanisms**
- implementing Azure data **encryption method**
- secure **Internet protocols** and the way of implementing them on Azure platform
- Azure **security services** and functions

Examination method

On-line exam. Record at: https://home.pearsonvue.com/Clients/Microsoft.aspx

Exam description

After the **AZ-500** course, you can take **Microsoft** certification **exams**:an Authorized Test Center,online being monitored by an offsite proctor. Details on the website:https://docs.microsoft.com/en-us/learn/certifications/exams/az-500

Expected Listener Preparation

Knowledge at Microsoft Azure Administrator Associate level.
An ability to use English materials
Pre-training: **AA_10961** and **AZ-104**
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.

Training Language

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

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

4 days / 28 hours

Training agenda

Training path 01: Identity and access

- Azure Active Directory
- Hybrid identities
- Azure AD Identity Protection
- Azure AD Privileged Identity Management
- Enterprise Management
- Application security

Training path 02: Implementig platform security

- Perimeter security
- Network security
- Host security
- Container security

Training path 03: Data and application security

- Azure Key Vault
- Storage security
- Database security

Training path 04: Security operations

- Azure Monitor
- Microsoft Defender for Cloud
- Microsoft Sentinel