

# Secure cloud resources with Microsoft security technologies



## Training recipients

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 &dash layer architecture in Cloud.



## Benefits

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

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## Training program

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: Implementing 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



## Expected preparation of the participant

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 Includes

- manual in electronic form available on the platform:
- <https://learn.microsoft.com/pl-pl/training/>

- access to Altkom Akademia's student portal



## Language

- Training: English
- Materials: English

## Examination method

Become Microsoft Certified: [https://arch-center.azureedge.net/Credentials/Certification-Poster\\_en-us.pdf](https://arch-center.azureedge.net/Credentials/Certification-Poster_en-us.pdf)

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

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## Examination description

Microsoft Certified: Azure Security Engineer Associate

Exam URL: <https://docs.microsoft.com/en-us/learn/certifications/exams/AZ-500>

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