

training code: AZ-900 / ENG DL 1d / EN

# Microsoft Azure Fundamentals

Authorized training **Microsoft Azure Fundamentals** AZ-900 on-line course. This course is for:

- **Administrator**
- **HelpDesk**
- **IT specialist**



## Purpose of the training

This one- day training is intended for the people interested in acquiring basic knowledge about cloud services and the way they are delivered from Microsoft Azure.

The course might be an optional first step to gain knowledge about Microsoft Azure cloud services before the participants start to attend next courses related to these services. The thematic scope can also be helpful in sales departments' work and in IT companies' marketing.

The course includes such issues as:

- basic knowledge about the concept of Azure platform;
- basic Azure platform services;
- basic solutions and management tools;
- general and network security;
- functions of management, privacy and compliance;
- managing costs of Azure platform and Service Level Agreements.

Attention: this course does not provide participation in practical classes



## Benefits of completing the training

Gaining knowledge from cloud with particular regard to Microsoft Azure cloud services offer. This includes acquaintance with:

- General concepts of cloud computing, basic services available in Microsoft Azure, security, privacy,

compatibility and trust in Microsoft Azure, prices and support models available in Microsoft company.



## Examination method

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



## Exam description

After the **AZ-900** 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-900>



## Expected Listener Preparation

There are no prerequisites to attend the course. Technical experience in IT area is not required, however, general knowledge or IT experience would be beneficial.

An ability to use English language materials

Training method:

- 100% theory



## 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

1 days / 7 hours

## Training agenda

### Training path 01: Cloud terms

- Cloud computing
  - What is cloud processing
  - Shared responsibility
  - Cloud models
  - Capital and operational costs
- Cloud benefits
  - Cloud benefits
- Cloud services
  - IaaS, PaaS and SaaS

### Training path 02: Azure services and architecture

- Azure platform architecture components
  - Availability regions and zones
  - Subscriptions and resource groups
- Calculations and networks
  - Calculation types
  - Application hosting
  - Virtual network
- Storage
  - Storage services
  - Redundation types
  - File management and migration
- Identity, access and security

- Catalog services
- Authentication methods
- Security models

#### Training path 03: Management and supervision

- Cost management
  - Cost and price calculators
  - Cost management and tags
- Management and compatibility
  - Blueprint, policies, resource locks
  - Service Trust Portal
- Resource deployment tools
  - Portal, PowerShell, CLI and other
  - Azure Arc and Azure Resource Manager
- Monitoring tools
  - Azure Advisor, Azure Service Health and Azure Monitor