

Designing Microsoft Azure Infrastructure Solutions

Authorized Microsoft Designing Microsoft Azure Infrastructure Solutions AZ-305 Distance Learning training.

Target audience:

- Administrator
- Architect
- Engineer
- Specialist



Purpose of the training

The course teaches Azure platform solution architects how to design infrastructure solutions. The subject of the course includes management, calculations, application architecture, mass storage, data integration, authentication, networks, business continuity and migrations. The course combines lecture with case studies in order to demonstrate basic rules of architect's design.



Benefits of completing the training

- Architecting solutions for management
- Designing calculation solutions
- Designing application architecture
- Designing non-relational and iterative databases
- Designing solutions for data integration
- Designing solutions in the area of authentication, authorisation and identity
- Designing network solutions
- Designing high availability solutions

Designing solutions for creating back-ups and Disaster Recovery.
Designing solutions to monitor
Designing migration solutions



Examination method

The exam is on-line. You can enroll at: <https://home.pearsonvue.com/Clients/Microsoft.aspx>



Exam description

After the AZ-305 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-305>



Expected Listener Preparation

Before attending the course participants must have previous experience in implementing Azure platform resources or administering them or concept knowledge in the area of:

- Azure Active Directory
- Azure platform calculation technologies, such as virtual machines, containers and serverless solutions
- Azure platform virtual network with the modules of balancing overload
- Azure Storage technologies (non-structural and database)
- General concepts of designing applications, such as sending a message or high-availability



Training Language

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

Training Includes

* electronic handbook available at:

<https://learn.microsoft.com/pl-pl/training/>

* access to Altkom Akademia student portal

Training method:

- theory
- demos
- individual laboratories
- 70% theory
- 30% practice

Duration

4 days / 28 hours

Training agenda

1: Designing calculation and applications solutions

- Designing for management
- Designing calculation solutions
- Designing for application architectures

2: Designing solutions for data storage

- Designing non-relative mass storage solutions.
- Designing relative mass storage solutions.
- Designing solutions for data integration.

3: Designing network and access solutions

- Designing authentication and authorisation solutions
- Designing network solutions

4: Designing solutions providing business continuity

- Designing for creating back-ups and Disaster Recovery
- Designing solutions for monitoring
- Designing for migration