

Szkolenie: Microsoft  
AZ-300T01-T06 Azure Architect-Technologies

FORMA SZKOLENIA	MATERIAŁY SZKOLENIOWE	CENA	CZAS TRWANIA
Stacjonarne	Cyfrowe	3600 PLN NETTO*	5 dni
Stacjonarne	Tablet CTAB	4000 PLN NETTO*	5 dni

\* (+VAT zgodnie z obowiązującą stawką w dniu wystawienia faktury)

## LOKALIZACJE

Kraków - ul. Tatarska 5, II piętro, godz. 9:00 - 16:00

Warszawa - ul. Bielska 17, godz. 9:00 - 16:00

## DOSTĘPNE TERMINY

2019-07-29 | 5 dni | Warszawa

2019-09-02 | 5 dni | Warszawa

2019-10-14 | 5 dni | Kraków

2019-11-18 | 5 dni | Warszawa

## Cel szkolenia:

Pięciodniowe szkolenie **AZ-300T01-T06 Azure Architect-Technologies** zawiera w sobie następujące moduły: [AZ-300T01 Deploying and Configuring Infrastructure](#), [AZ-300T02 Implementing Workloads and Security](#), [AZ-300T03 Understanding Cloud Architect Technology Solutions](#), [AZ-300T04 Creating and Deploying Apps](#), [AZ-300T06 Developing for the Cloud](#).

## Plan szkolenia:

- AZ-300T01 Deploying and Configuring Infrastructure
  - Managing Azure Subscriptions and Resources
  - Implementing and Managing Storage
  - Deploying and Managing Virtual Machines (VMs)
  - Configuring and Managing Virtual Networks
    - Network routing using routing tables and algorithms
    - Inter-site connectivity using VNet-to-VNet connections and VPNs
    - Virtual network peering for regional and global considerations
    - Gateway transit
  - Managing Identities

- Role-Based Access Control (RBAC)
- built-in roles
- Self-Service Password Reset (SSPR)
- authentication methods for password reset
- AZ-300T02 Implementing Workloads and Security
  - Evaluating and Performing Server Migration to Azure
  - Implementing and Managing Application Services
    - Deploying Web Apps
    - Managing Web Apps
    - App Service Security
    - Serverless Computing Concepts
    - Managing Event Grid
    - Managing Service Bus
    - Managing Logic App
  - Implementing Advanced Virtual Networking
    - Azure Load Balancer
    - Azure Application Gateway
    - Site-to-Site VPN Connections
    - Overview of ExpressRoute
  - Securing Identities
    - Azure AD Identity Protection
    - Azure Domains and Tenants
    - Azure Users and Groups
    - Azure Roles
    - Overview of Azure AD integration options
- AZ-300T03 Understanding Cloud Architect Technology Solutions
  - Selecting Compute and Storage Solutions
    - Azure Architecture Center
    - Cloud design patterns
    - Competing consumers pattern
    - Cache-aside pattern As well as sharding patterns to divide a data store into horizontal partitions, or shards. Each shard has the same schema but holds its own distinct subset of the data.
    - After completing this module, students will be able to design and Connectivity Patterns
  - Hybrid Networking
    - Site-to-site connectivity

- Point-to-site connectivity
- Combining site-to-site and point-to-site connectivity
- Virtual network-to-virtual network connectivity. As well as connecting across cloud providers for failover, backup, or even migration between providers such as AWS.
- After completing this module, students will be able to Hybrid Networking
- Measuring Throughput and Structure of Data Access
  - DTUs – Azure SQL Database
  - RUs – Azure Cosmos DB
  - Structured and unstructured data
  - Using structured data stores
  - After completing this module, students will be able to address Durability of Data and Caching Measure Throughput and Structure of Data Access
- AZ-300T04 Creating and Deploying Apps
  - Creating Web Applications using PaaS
    - Using shell commands to create an App Service Web App
    - Creating Background Tasks
    - Using Swagger to document an API
  - Creating Apps and Services Running on Service Fabric
    - Creating a reliable service
    - Creating a Reliable Actors app
    - Working with Reliable collections
  - Using Azure Kubernetes Service This module focuses on the Azure
    - Azure Container Registry
    - Azure Container Instances
- AZ-300T06 Developing for the Cloud
  - Developing Long-Running Tasks and Distributed Transactions
    - Implementing large-scale, parallel, and high-performance apps using batches
    - HPC using Microsoft Azure Virtual Machines
    - Implementing resilient apps by using queues
    - Implementing code to address application events by using webhooks.
  - Configuring a Message-Based Integration Architecture
    - Configure an app or service to send emails
    - Configure an event publish and subscribe model
    - Configure the Azure Relay service
    - Configure apps and services with Microsoft Graph
  - Developing for Asynchronous Processing
    - Implement parallelism, multithreading, and processing

- Implement Azure Functions and Azure Logic Apps
- Implement interfaces for storage or data access
- Implement appropriate asynchronous computing models
- Implement autoscaling rules and patterns
- Developing for Autoscaling
  - Implementing autoscaling rules and patterns
  - Implementing code that addresses singleton application instances
  - Implementing code that addresses a transient state
- Developing Azure Cognitive Services Solutions
  - Developing Solutions using Computer Vision
  - Developing solutions using Bing Web Search
  - Developing solutions using Custom Speech Service
  - Developing solutions using QnA Maker

## Poziom trudności



## Certyfikaty:

Uczestnicy szkolenia **AZ-300T01-T06 Azure Architect-Technologies** otrzymują **certyfikat** ukończenia autoryzowanego kursu **Microsoft**.

## Prowadzący:

Microsoft Certified Trainer.

## Informacje dodatkowe:

Zajęcia prowadzone są w języku polskim, materiały źródłowe oraz oprogramowanie są w języku angielskim.