Szkolenie: Microsoft
AZ-300T01-T06 Azure Solutions Architect Expert - Technologies (part 1_exam AZ-300)

**FORMA SZKOLENIA**

<table>
<thead>
<tr>
<th>FORMA SZKOLENIA</th>
<th>MATERIAŁY SZKOLENIOWE</th>
<th>CENA</th>
<th>CZAS TRWANIA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stacjonarne</td>
<td>Cyfrowe</td>
<td>3600 PLN NETTO*</td>
<td>5 dni</td>
</tr>
<tr>
<td>Stacjonarne</td>
<td>Tablet CTAB</td>
<td>4000 PLN NETTO*</td>
<td>5 dni</td>
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</tbody>
</table>

* (+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**

2019-12-02 | 5 dni | Warszawa
2019-12-16 | 5 dni | Kraków
2020-02-03 | 5 dni | Warszawa
2020-03-16 | 5 dni | Kraków
2020-06-01 | 5 dni | Warszawa

**Cel szkolenia:**

Pięciodniowe szkolenie **AZ-300T01-T06 Azure Solutions Architect Expert - Technologies (part 1_exam AZ-300)** 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 Solutions Architect Expert - Technologies (part 1_ exam AZ-300)** 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.