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

FORMA SZKOLENIA | MATERIAŁY SZKOLENIOWE | CENA | CZAS TRWANIA
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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

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.