



Enterprise Computing Solutions - Education Services

## TRAINING OFFERING

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**Skontaktuj się z nami**

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# AZ-204: Developing Solutions for Microsoft Azure

<b>Kod:</b>	<b>Czas trwania:</b>	<b>Cena netto:</b>
MCS_AZ204T00	5 day(s)	zł4,200.00

## Description

This course teaches developers how to create end-to-end solutions in Microsoft Azure. Students will learn how to implement Azure compute solutions, create Azure Functions, implement and manage web apps, develop solutions utilizing Azure storage, implement authentication and authorization, and secure their solutions by using KeyVault and Managed Identities. Students will also learn how to connect to and consume Azure services and third-party services, and include event- and message-based models in their solutions. The course also covers monitoring, troubleshooting, and optimizing Azure solutions.

## Uczestnicy

Students in this course are interested in Azure development or in passing the Microsoft Azure Developer Associate certification exam.

## Wymagania wstępne

Students should have 1-2 years professional development experience and experience with Microsoft Azure. They must be able to program in an Azure Supported Language.

## Program szkolenia

Azure App Service core concepts  
Creating an Azure App Service Web App  
Configuring and Monitoring App Service apps  
Scaling App Service apps

### **Creating Azure App Service Web Apps** Azure App Service staging environments **Implement Azure functions**

Azure Functions overview  
Developing Azure Functions  
Implement Durable Functions  
**Develop solutions that use blob storage**  
Working with Azure Blob storage  
Azure Cosmos DB overview  
Azure Cosmos DB data structure

### **Develop solutions that use Cosmos DB storage** Working with Azure Cosmos DB resources and data **Implement IaaS solutions**

Provisioning VMs in Azure  
Create and deploy ARM templates  
Create container images for solutions  
Publish a container image to Azure Container Registry  
Create and run container images in Azure Container Instances  
**Implement user authentication and authorization**  
Microsoft Identity Platform v2.0  
Authentication using the Microsoft Authentication Library  
Using Microsoft Graph

Authorizing data operations in Azure Storage  
Manage keys, secrets, and certificates by using the KeyVault API  
Implement Managed Identities for Azure resources  
Secure app configuration data by using Azure App Configuration  
**Implement secure cloud solutions**  
API Management overview  
Defining policies for APIs  
**Implement API Management**  
Securing your APIs  
Azure Logic Apps overview

### **Develop App Service Logic Apps** Creating custom connectors for Logic Apps **Develop event-based solutions**

Implement solutions that use Azure Event Grid  
Implement solutions that use Azure Event Hubs  
Implement solutions that use Azure Notification Hubs  
**Develop message-based solutions**  
Implement solutions that use Azure Service Bus  
Implement solutions that use Azure Queue Storage queues  
**Monitor and optimize Azure solutions**

Overview of monitoring in Azure  
Instrument an app for monitoring  
Analyzing and troubleshooting apps  
Implement code that handles transient faults  
**Integrate caching and content delivery within solutions**  
Develop for Azure Cache for Redis  
Develop for storage on CDNs

## **Terminy**

Na żądanie. [Prosimy o kontakt](#)

## **Dodatkowe informacje**

[Jeśli interesują Cię inne szkolenia tego producenta - skontaktuj się z nami.](#)