



# Developing solutions for Microsoft Azure (AZ-204T00)

**ID** AZ-204T00 **Price** 3,090.— €(excl. tax) **Duration** 5 days

## Course Overview

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.

You could also consider this Applied Skill to provide real-world experience with cloud native applications, focusing on containerized app development: [Deploy cloud-native apps using Azure Container Apps \(AZ-2003\)](#)

## Who should attend

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

## This course is part of the following Certifications

Microsoft Certified: Azure Developer Associate (MCADA)

## Prerequisites

To be successful in this course, learners should have the following:

- Hands-on experience with Azure IaaS and PaaS solutions, and the Azure Portal.
- Experience writing in an Azure supported language at the intermediate level. (C#, JavaScript, Python, or Java)
- Ability to write code to connect and perform operations on, a SQL or NoSQL database product. (SQL Server, Oracle, MongoDB, Cassandra or similar)
- Experience writing code to handle authentication, authorization, and other security principles at the intermediate level.

- A general understanding of HTML, the HTTP protocol and REST API interfaces.

If you are new to Azure and cloud computing consider one of the following resources:

- Free online: Azure Fundamentals
- [Introduction to Microsoft Azure \(AZ-900T00\)](#)

## Course Content

- Implement Azure App Service web apps
- Implement Azure Functions
- Develop solutions that use Blob storage
- Develop solutions that use Azure Cosmos DB
- Implement containerized solutions
- Implement user authentication and authorization
- Implement secure Azure solutions
- Implement API Management
- Develop event-based solutions
- Develop message-based solutions
- Troubleshoot solutions by using Application Insights

# About Fast Lane



Fast Lane is a global, award-winning specialist in technology and business training as well as consulting services for digital transformation. As the only global partner of the three cloud hyperscalers- Microsoft, AWS and Google- and partner of 30 other leading IT vendors, Fast Lane offers qualification solutions and professional services that can be scaled as needed. More than 4,000 experienced Fast Lane professionals train and advise customers in organizations of all sizes in 90 countries worldwide in the areas of cloud, artificial intelligence, cyber security, software development, wireless and mobility, modern workplace, as well as management and leadership skills, IT and project management.

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