Developing solutions for Microsoft Azure (AZ-204T00)

ID AZ-204T00   **Price** CHF 3,950.—(excl. VAT)   **Duration** 5 days

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:
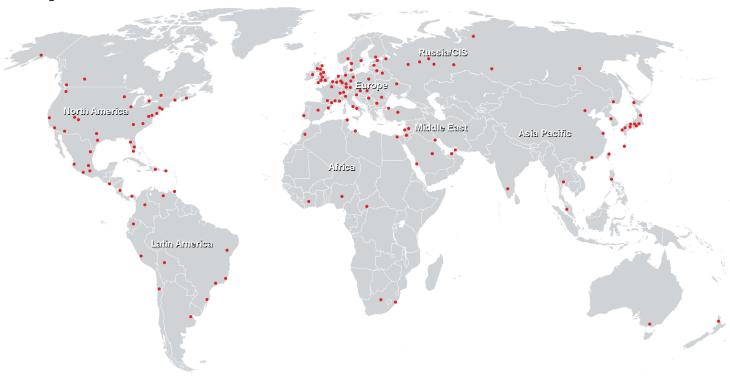
- Free online: Azure Fundamentals
- Introduction to Microsoft Azure (AZ-900T00)

Course Content

- Explore Azure App Service
- Configure web app settings
- Scale apps in Azure App Service
- Explore Azure App Service deployment slots
- Explore Azure Functions
- Develop Azure Functions
- Explore Azure Blob storage
- Manage the Azure Blob storage lifecycle
- Work with Azure Blob storage

- Explore Azure Cosmos DB
- Work with Azure Cosmos DB
- Manage container images in Azure Container Registry
- Run container images in Azure Container Instances
- Implement Azure Container Apps
- Explore the Microsoft identity platform
- Implement authentication by using the Microsoft Authentication Library
- Implement shared access signatures
- Explore Microsoft Graph
- Implement Azure Key Vault
- Implement managed identities
- Implement Azure App Configuration
- Explore API Management
- Explore Azure Event Grid
- Explore Azure Event Hubs
- Discover Azure message queues
- Monitor app performance
- Develop for Azure Cache for Redis
- Develop for storage on CDNs

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