

AZ-204, Microsoft Certified: Azure Developer Associate

This course composed of modules is designed for IT Professionals who will gain the knowledge and skills needed to implement Azure IaaS services and features in their development solutions.

The course help prepare for the exams « AZ-204 - Microsoft Certified: Developing Solutions for Microsoft Azure ».

Become Microsoft Certified			
Azure			
Last Updated October 2020			
Fundamentals Master the basics	Role-based Expand your technical skill set		Specialty Deepen your technical skills and manage industry solutions
Azure Fundamentals AZ-900	Azure Administrator Associate AZ-104	Azure Developer Associate AZ-204	Azure for SAP Workloads Specialty AZ-120
Azure AI Fundamentals AI-900	Azure Security Engineer Associate AZ-500	Azure Data Engineer Associate DP-200 + DP-201	Azure IoT Developer Specialty AZ-220
Azure Data Fundamentals DP-900	Azure AI Engineer Associate AI-100	Azure Data Scientist Associate DP-100	
	Azure Database Administrator Associate DP-300	Azure Analyst Associate DA-100	
	DevOps Engineer Expert AZ-400	Azure Solutions Architect Expert AZ-303 + AZ-304	

1. AZ-204 - Developing Microsoft Azure Solutions

Overview

In this course students will gain the knowledge and skills needed to :

- implement Azure IaaS services and features in their development solutions.
- provision virtual machines, using Batch Service to deploy/maintain resources, and to create containerized solutions by using Azure Kubernetes Service.
- to create and manage Azure App Service resources, integrate push and offline sync in their mobile apps, and to document an API.
- create and test Azure Functions. This covers Azure Table storage, Azure Cosmos DB, Azure Blob, and developing against relational databases in Azure.
- include Azure authentication and authorization services in their development solutions.
- know how identity is managed and utilized in Azure solutions by using the Microsoft identity platform.
- to manage access control (claims-based authorization and role-based access control) and to implement secure data solutions.
- create and integrate these resources by using the Azure CLI, REST, and application code.
- ensure applications hosted in Azure are operating efficiently and as intended.
- monitor operates and to use tools like Log Analytics and Application Insights to better understand what is happening in their application.
- implement autoscale, instrument their solutions to support monitoring and logging, and use Azure Cache and CDN options to enhance the end-user experience
- create and manage their own APIs by using API Management, and how to use the different event- and message-based services in Azure within their development solutions.

- create and integrate these resources by using the Azure Portal, Azure CLI, REST, and application code.

Target Audience :

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

Prerequisites :

Students should have :

- 1-2 years experience as a developer. This course assumes students know how to code and have a fundamental knowledge of Azure.
- some experience with PowerShell or Azure CLI, working in the Azure portal, and with at least one Azure-supported programming language. Most of the examples in this course are presented in C#\# .NET.
- some common knowleg eof patters for Durable Functions and be able to create them.
- some experience with PowerShell or Azure CLI, working in the Azure portal, and with at least one Azure-supported programming language.

Duration and Price

Courses - Modules	Jours	CHF	CHF/j.
AZ-204 - Developing Microsoft Azure Solutions	5	3'750.-	750.-

Selon les conditions générales. Le prix comprend le matériel pédagogique distribué. La formation n'est pas soumise à la TVA.

Les cours se déroulent de 9 h 00 à 12 h 00 et 13 h 30 à 17 h 00.

