

# Developing solutions for Microsoft Azure (Microsoft AZ-204) Official course AZ-204T00-A, exam preparation

**Hands-on course of 5 days - 35h**  
**Ref.: DSA - Price 2026: 3 430 (excl. taxes)**

With this training course, you'll learn how to create complete solutions in Microsoft Azure. You'll learn how to develop web applications, use Azure Functions, manage storage, secure your solutions with Key Vault and managed identities, and set up authentication and authorization. You'll also discover how to connect your application to other Azure or external services, manage events and messages, and monitor, troubleshoot and optimize your solutions.

## EDUCATIONAL OBJECTIVES

At the end of the training, the trainee will be able to:

- Create web applications and Azure functions.
- Manage storage with Azure Blob and Cosmos DB.
- Implement authentication and authorization.
- Secure applications with Azure Key Vault.
- Connect Azure and external services.
- Use events and message queues.
- Monitor, troubleshoot and optimize Azure applications.

## TEACHING METHODS

Training in French. Official course material in digital format and in English. Good understanding of written English.

## CERTIFICATION

Successful completion of the exam leads to : "Microsoft Certified: Azure Developer Associate".

## THE PROGRAMME

last updated: 11/2025

### 1) Building web applications with Azure App Service

- Explore Azure App Service.
- Configure web application parameters.
- Adapt App Service applications.
- Use App Service deployment slots.

### 2) Implementing Azure Functions

- Explore Azure Functions.
- Developing Azure Functions.

### 3) Developing solutions using Azure Blob Storage

- Explore Azure Blob Storage.
- Manage the lifecycle of Blob data.
- Use the Blob Storage SDK.

### 4) Developing solutions using Azure Cosmos DB

- Explore Azure Cosmos DB.
- Working with Azure Cosmos DB.

## PARTICIPANTS

Developers interested in developing on Azure or Microsoft Azure Developer Associate certification.

## PREREQUISITES

Experience in application development, a good command of C# or an equivalent language, and a basic understanding of Azure and cloud services.

## TRAINER QUALIFICATIONS

The experts leading the training are specialists in the covered subjects. They have been approved by our instructional teams for both their professional knowledge and their teaching ability, for each course they teach. They have at least five to ten years of experience in their field and hold (or have held) decision-making positions in companies.

## ASSESSMENT TERMS

The trainer evaluates each participant's academic progress throughout the training using multiple choice, scenarios, hands-on work and more. Participants also complete a placement test before and after the course to measure the skills they've developed.

## TEACHING AIDS AND TECHNICAL RESOURCES

- The main teaching aids and instructional methods used in the training are audiovisual aids, documentation and course material, hands-on application exercises and corrected exercises for practical training courses, case studies and coverage of real cases for training seminars.
- At the end of each course or seminar, ORSYS provides participants with a course evaluation questionnaire that is analysed by our instructional teams.
- A check-in sheet for each half-day of attendance is provided at the end of the training, along with a course completion certificate if the trainee attended the entire session.

## TERMS AND DEADLINES

Registration must be completed 24 hours before the start of the training.

## ACCESSIBILITY FOR PEOPLE WITH DISABILITIES

Do you need special accessibility accommodations? Contact Mrs. Fosse, Disability Manager, at [psh-accueil@ORSYS.fr](mailto:psh-accueil@ORSYS.fr) to review your request and its feasibility.

#### 5) Implementing containerized solutions

- Manage container images with the Azure Container Registry.
- Running containers with Azure Container Instances.
- Implement containerized applications with Azure Container Apps.

## DATES

---

### REMOTE CLASS

2026 : 02 mars, 18 mai, 14 sept.,  
23 nov.