

# Course : Developing solutions for Microsoft Azure (Microsoft AZ-204)

Official course AZ-204T00-A, exam preparation

*Practical course - 5d - 35h00 - Ref. DSA*

*Price : 3430 € E.T.*

★★★★☆ 4,5 / 5

ActionCo

*Formation éligible au financement Atlas*

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.

## Teaching objectives

At the end of the training, the participant 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.

## Intended audience

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.

## 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 who lead the training courses are specialists in the subjects covered. They are approved by the publisher and certified for the course. They have also been validated by our teaching teams in terms of both professional knowledge and teaching skills for each course they teach. They have at least three to ten years of experience in their field and hold or have held positions of responsibility in companies.

## ASSESSMENT TERMS

Assessment of targeted skills prior to training.

Assessment by the participant, at the end of the training course, of the skills acquired during the training course.

Validation by the trainer of the participant's learning outcomes, specifying the tools used: multiple-choice questions, role-playing exercises, etc.

At the end of each training course, ITTCERT provides participants with a course evaluation questionnaire, which is then analysed by our teaching teams. Participants also complete an official evaluation of the publisher.

An attendance sheet for each half-day of attendance is provided at the end of the training course, along with a certificate of completion if the participant has attended the entire session.

## Practical details

### Teaching methods

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

## Course schedule

### 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.

### 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.

## Options

### Certification : 200 € HT

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

### [Comment passer votre examen ?](#)

The certification option comes in the form of a voucher and practice tests that will allow you to practise and take the exam at the end of the training course.

## Dates and locations

### REMOTE CLASS

2026 : 18 May, 18 May, 6 July, 14 Sep., 14 Sep., 23 Nov., 23 Nov.

### PARIS LA DÉFENSE

2026 : 18 May, 6 July, 14 Sep., 23 Nov.

### LYON

2026 : 18 May, 14 Sep., 23 Nov.

### AIX-EN-PROVENCE

### ANGERS

### TEACHING AIDS AND TECHNICAL RESOURCES

The teaching resources used are the publisher's official materials and practical exercises.

### TERMS AND DEADLINES

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

### ACCESSIBILITY FOR PEOPLE WITH DISABILITIES

Do you have specific accessibility requirements? Contact Ms FOSSE, disability advisor, at the following address: psh-accueil@orsys.fr so that we can assess your request and its feasibility.

2026 : 18 May, 23 Nov.

**AVIGNON**

2026 : 14 Sep.

**BREST**

2026 : 14 Sep.

**CLERMONT-FERRAND**

2026 : 14 Sep.

**GRENOBLE**

2026 : 14 Sep.

**LEMANS**

2026 : 14 Sep.

**LIMOGES**

2026 : 14 Sep.

**METZ**

2026 : 14 Sep.

**MULHOUSE**

2026 : 14 Sep.

**NANTES**

2026 : 18 May, 14 Sep., 23 Nov.

**ORLÉANS**

2026 : 14 Sep.

**REIMS**

2026 : 14 Sep.

**ROUEN**

2026 : 14 Sep.

**SOPHIA-ANTIPOLIS**

2026 : 14 Sep.

**TOULON**

2026 : 14 Sep.

**TOURS**

2026 : 14 Sep.

**BRUXELLES**

2026 : 14 Sep.

**LUXEMBOURG**

2026 : 14 Sep.

2026 : 14 Sep.

**BORDEAUX**

2026 : 18 May, 23 Nov.

**CAEN**

2026 : 14 Sep.

**DIJON**

2026 : 14 Sep.

**LAUSANNE**

2026 : 18 May, 23 Nov.

**LILLE**

2026 : 18 May, 23 Nov.

**MARSEILLE**

2026 : 14 Sep.

**MONTPELLIER**

2026 : 14 Sep.

**NANCY**

2026 : 14 Sep.

**NIORT**

2026 : 14 Sep.

**PAU**

2026 : 14 Sep.

**RENNES**

2026 : 14 Sep.

**SAINT-ETIENNE**

2026 : 14 Sep.

**STRASBOURG**

2026 : 18 May, 23 Nov.

**TOULOUSE**

2026 : 18 May, 23 Nov.

**VALENCE**

2026 : 14 Sep.

**GENÈVE**

2026 : 18 May, 23 Nov.