# Course : Design Microsoft Azure Infrastructure Solutions (Microsoft AZ-305)

**Official AZ-305T00-A course, exam preparation**

*Practical course - 4d - 28h00 - Ref. AZE*
*Price : 2930 € E.T.*

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*Formation éligible au financement Atlas*

With this course, you'll learn how to design infrastructure solutions on Microsoft Azure as an architect. You'll develop your skills in key areas such as governance, compute, application architecture, storage, data integration, authentication, networks, business continuity and migration. You'll consolidate what you've learned through case studies illustrating the fundamental principles of architecture on Azure.

## Teaching objectives

**At the end of the training, the participant will be able to:**

- Créer une architecture cloud fiable, rapide et sécurisée avec Azure
- Choisir les bons outils Azure pour le stockage, le réseau, la sécurité et l'identité
- Protéger les données et assurer la continuité des services en cas de panne
- Concevoir des solutions évolutives adaptées à la croissance de l'entreprise
- Appliquer les bonnes pratiques de conception à travers des cas concrets

## Intended audience

Experienced IT professionals in operations and design, with a good command of Azure services: computing, networking, storage, security and high availability.

## Prerequisites

Certified Azure Administrator Associate (AZ-104, ref. AZC). Solid knowledge of Azure and experience in designing cloud solutions, including network, security, identity and governance.

**PARTICIPANTS**

Experienced IT professionals in operations and design, with a good command of Azure services: computing, networking, storage, security and high availability.

**PREREQUISITES**

Certified Azure Administrator Associate (AZ-104, ref. AZC). Solid knowledge of Azure and experience in designing cloud solutions, including network, security, identity and governance.

**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.

## Practical details

### Teaching methods

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

## Course schedule

### 1 Requirements for Microsoft Azure architecture

- Describe the basic architectural components of Azure.
- Describe Azure computing and networking services.
- Describe Azure storage services.
- Describe identity, access and security in Azure.
- Introduction to the Microsoft Cloud Adoption Framework.
- Introduction to the Microsoft Azure Well-Architected Framework.

### 2 Design identity, governance and supervision solutions

- Designing governance.
- Design authentication and authorization solutions.
- Design a logging and monitoring solution for Azure resources.

### 3 Designing business continuity solutions

- Describe high availability and disaster recovery strategies.
- Design a backup and disaster recovery solution.

### 4 Designing data storage solutions

- Design a storage solution for non-relational data.
- Design a storage solution for relational data.
- Design data integration.

### 5 Design Azure infrastructure solutions

- Design an Azure computing solution.
- Design an application architecture.
- Design network solutions.
- Designing migrations.

## Options

### Certification : 200 € HT

Successful completion of the exam leads to certification as a "Microsoft Certified: Azure Solutions Expert Architect".
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 : 16 June, 29 Sep., 8 Dec.

**PARIS LA DÉFENSE**
2026 : 16 June, 29 Sep., 8 Dec.

**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.

**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.

**LYON**
2026 : 16 June, 8 Dec.