

# Course : Microsoft Azure Administrator (Microsoft AZ-104)

official course AZ-104T00, exam preparation

Practical course - 4d - 28h00 - Ref. AZC

Price : 3130 € E.T.

★★★★☆ 4,5 / 5

ActionCo

Formation éligible au financement Atlas

With this course, you'll learn how to manage your Azure subscriptions, secure identities, administer infrastructure, configure virtual networks and connect Azure to a local site. You'll also learn how to manage network traffic, set up storage solutions, create and size virtual machines, deploy web applications and containers, back up and share data, and monitor your environment.

## Teaching objectives

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

- ✓ Manage Azure subscriptions and resources
- ✓ Implementing and managing storage
- ✓ Deploying and administering virtual machines
- ✓ Configuring and managing virtual networks
- ✓ Managing identities with Microsoft Entra ID
- ✓ Monitoring and backing up Azure resources

## Intended audience

Azure administrators responsible for identity, storage, compute and network management in the cloud, with experience in virtualization, networking, identity and backup.

## Prerequisites

Good knowledge of Azure core services, system administration, networks, storage and security concepts.

### PARTICIPANTS

Azure administrators responsible for identity, storage, compute and network management in the cloud, with experience in virtualization, networking, identity and backup.

### PREREQUISITES

Good knowledge of Azure core services, system administration, networks, storage and security concepts.

### 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 Requirements for Azure administrators

- Introduction to Azure Cloud Shell.
- Introduction to PowerShell.
- Deploy Azure infrastructure using ARM JSON models.

#### 2 Managing identities and governance in Azure

- Understanding Microsoft Entra ID.
- Create, configure and manage identities.
- Description of the basic architectural components of Azure.
- Azure Policy initiatives.
- Secure your Azure resources with Azure RBAC.
- Enable self-service password resets with Microsoft Entra.

#### 3 Configuring and managing virtual networks for Azure administrators

- Configure virtual networks.
- Configure network security groups.
- Host your domain with Azure DNS.
- Configure Azure virtual network peering.
- Manage and control traffic with roads.
- Introduction to Azure Load Balancer.
- Introduction to Azure Application Gateway.
- Introduction to Azure Network Watcher.

#### 4 Implementing and managing storage in Azure

- Configure storage accounts.
- Configure Azure Blob Storage.
- Configure Azure Storage security.
- Configure Azure Files.

#### 5 Deploy and manage Azure compute resources

- Introduction to Azure virtual machines.
- Configure high availability for virtual machines.
- Configure Azure App Service plans.
- Configure App Service on Azure.
- Configure Azure container instances.

#### 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](mailto:psh-accueil@orsys.fr) so that we can assess your request and its feasibility.

## Options

**Certification : 200 € H.T.**

This course prepares you for certification "Microsoft Certified: Azure Administrator Associate" via the AZ-104 exam.

[Comment passer votre examen ?](#)

## Dates and locations

### REMOTE CLASS

2026 : 16 June, 21 July, 21 July, 18 Aug., 22 Sep.,  
20 Oct., 17 Nov., 17 Nov., 8 Dec.

### PARIS LA DÉFENSE

2026 : 16 June, 21 July, 18 Aug., 22 Sep., 20 Oct.,  
17 Nov., 8 Dec.

### LYON

2026 : 22 Sep., 8 Dec.

### AIX-EN-PROVENCE

2026 : 21 July, 17 Nov.

### ANGERS

2026 : 22 Sep.

### AVIGNON

2026 : 22 Sep.

### BORDEAUX

2026 : 21 July, 17 Nov.

### BREST

2026 : 22 Sep.

### CAEN

2026 : 22 Sep.

### CLERMONT-FERRAND

2026 : 22 Sep.

### DIJON

2026 : 17 Nov.

### GRENOBLE

2026 : 22 Sep.

### LAUSANNE

2026 : 22 Sep.

### LE MANS

2026 : 22 Sep.

### LILLE

2026 : 21 July, 17 Nov.

### LIMOGES

2026 : 22 Sep.

### MARSEILLE

2026 : 22 Sep.

### METZ

2026 : 22 Sep.

### MONTPELLIER

2026 : 17 Nov.

### MULHOUSE

2026 : 22 Sep.

### NANCY

2026 : 22 Sep.

### NANTES

2026 : 22 Sep., 8 Dec.

### NIORT

2026 : 22 Sep.

### ORLÉANS

2026 : 22 Sep.

### PAU

2026 : 22 Sep.

### REIMS

2026 : 22 Sep.

### RENNES

2026 : 17 Nov.

### ROUEN

2026 : 22 Sep.

### SAINT-ETIENNE

2026 : 22 Sep.

### SOPHIA-ANTIPOLIS

2026 : 17 Nov.

### STRASBOURG

### TOULON

2026 : 21 July, 17 Nov.

**TOULOUSE**

2026 : 21 July, 17 Nov.

**VALENCE**

2026 : 22 Sep.

**GENÈVE**

2026 : 22 Sep.

2026 : 22 Sep.

**TOURS**

2026 : 22 Sep.

**BRUXELLES**

2026 : 22 Sep., 17 Nov.

**LUXEMBOURG**

2026 : 22 Sep., 17 Nov.