

# Microsoft Azure Administrator (Microsoft AZ-104) official course AZ-104T00, exam preparation

**Hands-on course of 4 days - 28h**  
**Ref.: AZC - Price 2026: 3 130 (excl. taxes)**

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.

## EDUCATIONAL OBJECTIVES

At the end of the training, the trainee 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

## TEACHING METHODS

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

## CERTIFICATION

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

## THE PROGRAMME

last updated: 11/2025

### 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 routes.
- Introduction to Azure Load Balancer.
- Introduction to Azure Application Gateway.
- Introduction to Azure Network Watcher.

## 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 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 to review your request and its feasibility.

#### 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.

## DATES

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### REMOTE CLASS

2026 : 17 mars, 19 mai, 21 juil.,  
17 nov.