

Course : Secure cloud resources with Microsoft security technologies (Microsoft AZ-500)

Official AZ-500 course, exam preparation

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

Price : 3030 € E.T.

★★★★☆ 4,4 / 5

ActionCo

Formation éligible au financement Atlas

With this training course, you'll learn how to set up and manage an organization's security. You'll learn how to protect identities and access, secure platforms, data and applications, and manage day-to-day security operations.

Teaching objectives

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

- ✓ Implement identity and access management in Azure.
- ✓ Protect Azure data, applications and networks.
- ✓ Manage security operations and monitor threats.
- ✓ Configure security for resources, virtual machines and cloud services.
- ✓ Detect, analyze and respond to security incidents.

Intended audience

Azure security engineers wishing to certify or specialize in protecting Azure platforms and data.

Prerequisites

Good knowledge of Azure, network security and best practices, as well as experience with Windows, Linux and PowerShell or CLI (AZ-104 level recommended).

PARTICIPANTS

Azure security engineers wishing to certify or specialize in protecting Azure platforms and data.

PREREQUISITES

Good knowledge of Azure, network security and best practices, as well as experience with Windows, Linux and PowerShell or CLI (AZ-104 level recommended).

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 Securing identity and access

- Manage security controls for identity and access.
- Manage access to Microsoft Entra. applications

2 Network security

- Plan and implement virtual network security.
- Plan and implement security for private access to Azure resources.
- Plan and implement security for public access to Azure resources.

3 Secure computing, storage and databases

- Plan and implement advanced security for computing resources.
- Plan and implement storage security.
- Plan and implement security for Azure SQL Database and Azure SQL Managed Instance.

4 Securing Azure with Microsoft Defender for Cloud and Microsoft Sentinel

- Implement and manage the application of cloud governance strategies.
- Managing the security posture with Microsoft Defender for Cloud.
- Configure and manage threat protection with Microsoft Defender for Cloud.
- Configure and manage security monitoring and automation solutions.

Options

Certification : 200 € HT

Successful completion of the exam leads to certification as a "Microsoft Certified Azure Security Engineer 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 : 19 May, 19 May, 7 July, 15 Sep., 15 Sep., 24 Nov., 24 Nov.

PARIS LA DÉFENSE

2026 : 19 May, 7 July, 15 Sep., 24 Nov.

LYON

2026 : 19 May, 15 Sep., 24 Nov.

NANTES

2026 : 19 May, 15 Sep., 24 Nov.

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.