

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

Official AZ-500 course, exam preparation

Hands-on course of 4 days - 28h

Ref.: MZO - Price 2026: 3 030 (excl. taxes)

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.

EDUCATIONAL OBJECTIVES

At the end of the training, the trainee 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.

TEACHING METHODS

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

CERTIFICATION

Successful completion of the exam leads to certification as a "Microsoft Certified Azure Security Engineer Associate".

THE PROGRAMME

last updated: 11/2025

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.

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 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.

DATES

REMOTE CLASS

2026 : 10 mars, 19 mai, 15 sept.,
24 nov.