Azure - Security Technologies (Microsoft AZ-500)
Official course AZ-500T00, exam preparation

Hands-on course of 4 days - 28h
Ref.: MZO - Price 2026: 3 030 (excl. taxes)

EDUCATIONAL OBJECTIVES

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

Understand specialized data classifications in Azure

Master the Azure data protection mechanisms

Know how to implement Azure data encryption methods

Know the secure Internet protocols and how to implement them on Azure

Master Azure security services and features

TEACHING METHODS

Training delivered in French. Official Microsoft course materials (digital MOC) in English.

CERTIFICATION

If you pass the exam, you'll earn Microsoft Certified Azure Security Engineer Associate certification.

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.

THE PROGRAMME

last updated: 07/2024

1) Managing identities and access

- Azure Active Directory (infrastructure, users, groups, multi-factor authentication).
- Azure identity protection (risk policies, conditional access and access checks).
- Corporate governance.
- Azure AD privileged identity management.
- Hybrid identity.

Hands-on work : Implement: role-based access control, Azure policy, resource manager lockdown, MFA, conditional access and AAD identity protection, Azure AD privileged identity management, directory synchronization.

2) Implementing platform protection

- Perimeter security (Azure firewall, etc.).
- Network security (network security groups, application security groups, etc.).
- Host security (endpoint protection, remote access management, disk encryption, etc.).
- Container security (Azure container instances, Azure container registry and Azure Kubernetes).

Hands-on work : Practice: network security groups and application security groups, Azure firewall, configuring and securing ACR and AKS.

3) Securing data and applications

- Azure Key Vault (certificates, keys and secrets).
- Application security (application registration, managed identities and service endpoints).
- Storage security (shared access signatures, Blob retention policies, and Azure file authentication).
- SQL database security (authentication, data classification, dynamic data masking).

Hands-on work : Implementing data security by configuring Always Encrypted, securing an Azure SQL database, service endpoints and securing storage.

4) Managing security operations

- Azure Monitor (connected sources, log analysis, alerts, etc.).

- Azure Security center (policies, recommendations, just-in-time access to virtual machines).
- Azure Sentinel (workbooks, incidents and playbooks, etc.).

Hands-on work : Implementing Azure Monitor, Azure Security Center and Azure Sentinel.

DATES

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