Microsoft Azure Security Technologies

Description

This course provides IT Security Professionals with the knowledge and skills needed to implement security controls, maintain an organization's security posture, and identify and remediate security vulnerabilities. This course includes security for identity and access, platform protection, data and applications, and security operations.

Niveau
Intermédiaire
Course Content
Module 1: Manage Identity and Access

- Azure Active Directory
- Hybrid Identity
- Azure Identity Protection
- Azure AD Privileged Identity Management
- Enterprise Governance

Module 2: Implement Platform Protection

- Perimeter Security
- Network Security
- Host Security
- Container Security

Module 3: Secure Data and Applications

- Azure Key Vault
- Application Security
- Storage Security
- SQL Database Security

Module 4: Manage Security Operations

- Azure Monitor
- Azure Security Center
- Azure Sentinel

Lab / Exercises
Official Microsoft Labs

- Role-Based Access Control
- Azure Policy
- Resource Manager Locks
- MFA, Conditional Access and AAD Identity Protection
- Azure AD Privileged Identity Management
- Implement Directory Synchronization
- Configuring and Securing ACR and AKS

- Azure Firewall
- Network Security Groups and Application Security Groups
- Key Vault (Implementing Secure Data by setting up Always Encrypted)
- Securing Azure SQL Database
- Service Endpoints and Securing Storage
- Azure Sentinel
- Azure Security Center
- Azure Monitor

Documentation

- Access to Microsoft Learn (online learning content)

Exam

- This course prepares you to the AZ-500: Microsoft Azure Security Technologies exam. If you wish to take this exam, please contact our secretariat who will let you know the cost of the exam and will take care of all the necessary administrative procedures for you.

Participant profiles

- Azure Security Engineers
- EngineerS that wants to specialize in providing security for Azure-based digital platforms and play an integral role in protecting an organization's data.

Prerequisites

- Having followed the course Microsoft Azure Administrator (AZ-104) or equivalent experience

Objectives

- Describing specialized data classifications on Azure
- Identifying Azure data protection mechanisms
- Implementing Azure data encryption methods
- Securing Internet protocols and how to implement them on Azure
- Describing Azure security services and features

Classroom Registration Price (CHF)
3200
Virtual Classroom Registration Price (CHF)
3000
Duration (in Days)
4
Reference
AZ-500T00