

# Microsoft Azure Security Certification Training (AZ-500)

Course: **00089**

Filter: **Beginner**

Duration: **20 hours**

Category: **Software Application Security**

Price: **2000,00 €**

## About Course

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.

## What you'll learn

- Security best practices and industry security requirements such as defense in depth, least privileged access, role-based access control, multi-factor authentication, shared responsibility, and zero trust model.
- Be familiar with security protocols such as Virtual Private Networks (VPN), Internet Security Protocol (IPSec), Secure Socket Layer (SSL), disk and data encryption methods.
- Have some experience deploying Azure workloads. This course does not cover the basics of Azure administration, instead the course content builds on that knowledge by adding security specific information.
- Have experience with Windows and Linux operating systems and scripting languages. Course labs may use PowerShell and the CLI.
- This course is for Azure Security Engineers who are planning to take the associated certification exam, or who are performing security tasks in their day-to-day job. This course would also be helpful to an engineer that wants to specialize in providing security for Azure-based digital platforms and play an integral role in protecting an organization's data.

## Pre-requisites

- Have some experience deploying Azure workloads. This course does not cover the basics of Azure administration, instead the course content builds on that knowledge by adding security specific information.
- Have experience with Windows and Linux operating systems and scripting languages. Course labs may use PowerShell and the CLI.

## Curriculum

### Module 1: Manage Identity and Access

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

### 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