



## AZ-500: Microsoft Azure Security Technologies

Microsoft - Azure Apps & Infrastructure

Live Training ( também disponível em presencial )

- **Localidade:** Imprimir Curso
  - **Data:** 17 Mar 2025
  - **Preço:** 1670 € ( Os valores apresentados não incluem IVA. Oferta de IVA a particulares e estudantes. )
  - **Horário:** Laboral das 9h00 às 17h00
  - **Nível:** Intermédio
  - **Duração:** 28h
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### Sobre o curso

**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.

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### Destinatários

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.

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### Pré-requisitos

Successful learners will have prior knowledge and understanding of:

- 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.
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## Programa

- Secure identity and access
- Secure networking
- Secure compute, storage, and databases
- Secure Azure using Microsoft Defender for Cloud and Microsoft Sentinel

### **Secure identity and access**

Master identity and access management in Microsoft Entra ID, securing users, groups, and external identities, implementing authentication and authorization controls, and managing application access and security.

- Manage security controls for identity and access
- Manage Microsoft Entra application access

### **Secure networking**

Master the intricacies of securing Azure networks, encompassing virtual networks, encryption, firewall setup, private access, and DDoS protection, with this comprehensive training.

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

### **Secure compute, storage, and databases**

Master the art of securing Azure compute resources, storage, and databases, including advanced security measures, encryption, access control, and database protection.

- Plan and implement advanced security for compute
- Plan and implement security for storage
- Plan and implement security for Azure SQL Database and Azure SQL Managed Instance

### **Secure Azure using Microsoft Defender for Cloud and Microsoft Sentinel**

Master the art of managing security operations in Azure, from governance and policy creation to

infrastructure security, key management, security posture, threat protection, and advanced security monitoring and automation.

- Implement and manage enforcement of cloud governance policies
- Manage security posture by using Microsoft Defender for Cloud
- Configure and manage threat protection by using Microsoft Defender for Cloud
- Configure and manage security monitoring and automation solutions