

AZ-500T00-A (MICROSOFT AZURE SECURITY TECHNOLOGIES) 2023

Objetivo

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P blico Alvo

Audience Profile 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.

Pr -Requisitos

Prerequisites 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.

Carga Hor ria

32 horas (4 dias).

Conte do Program tico

COURSE OUTLINE

Module 1: AZ-500: Manage Identity and Access

Explore how identity is the starting point for all security within your company. Learn to authenticate and authorize users and apps with Azure Active Directory.

- Secure Azure solutions with Azure Active Directory
- Implement Hybrid identity
- Deploy Azure AD identity protection
- Configure Azure AD privileged identity management
- Design an enterprise governance strategy

Module 2: AZ-500: Implement platform protection

Security has to happen at all levels. Learn how to lock down the infrastructure and network resources that are running in your Azure environment.

- Implement perimeter security
- Configure network security
- Configure and manage host security
- Enable Containers security

Module 3: AZ-500: Secure your data and applications

Application running within Azure access your confidential data need to be locked down. Learn to secure your applications, storage, databases, and key vaults.

- Deploy and secure Azure Key Vault
- Configure application security features
- Implement storage security
- Configure and manage SQL database security

Module 4: AZ-500: Manage security operation

Once you have deployed and secured your Azure environment, learn to monitor, operate, and continuously improve the security of your solutions.

- Configure and manage Azure Monitor
- Enable and manage Microsoft Defender for Cloud
- Configure and monitor Microsoft Sentinel