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AZ-500: Microsoft Azure Security Technologies [AZ-500T00-A] (EN)

Group Training

Training code	CGAAZ500CE
Spoken Language	English
Language Materials	English
Dayparts	8
Price	€2.400,00 excl. VAT No extra costs.

What is AZ-500: Microsoft Azure Security Technologies [AZ-500T00-A]

The 'AZ-500: Microsoft Azure Security Technologies [AZ-500T00-A]' training is designed to equip 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 training covers security for identity and access, platform protection, data and applications, and security operations. The training uses MOC (Microsoft Official Courseware) and is delivered by an experienced MCT (Microsoft Certified Trainer).

Who should attend AZ-500: Microsoft Azure Security Technologies [AZ-500T00-A]

- IT Security Professionals: Individuals responsible for implementing security controls and maintaining the organization's security posture.
- System Administrators: Those who manage and maintain systems, including implementing security measures for identity and access, platform protection, and data and applications.
- Network Engineers: Professionals who design and implement network infrastructures, including perimeter and network security strategies.
- Database Administrators: Individuals who manage and secure databases and would benefit from learning about database security strategies.
- Developers: Those who develop applications and would benefit from learning about application security strategies and storage security strategies.

Prerequisites

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Participants should have a fundamental understanding of Microsoft Azure and familiarity with IT security. Prior experience in IT security is beneficial but not mandatory.

Objectives

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

- Implement enterprise governance strategies including role-based access control, Azure policies, and resource locks.
- Implement an Azure AD infrastructure including users, groups, and multi-factor authentication.
- Implement Azure AD Identity Protection including risk policies, conditional access, and access reviews.
- Implement Azure AD Privileged Identity Management including Azure AD roles and Azure resources.
- Implement Azure AD Connect including authentication methods and on-premises directory synchronization.
- Implement perimeter security strategies including Azure Firewall.
- Implement network security strategies including Network Security Groups and Application Security Groups.
- Implement host security strategies including endpoint protection, remote access management, update management, and disk encryption.
- Implement container security strategies including Azure Container Instances, Azure Container Registry, and Azure Kubernetes.
- Implement Azure Key Vault including certificates, keys, and secrets.
- Implement application security strategies including app registration, managed identities, and service endpoints.
- Implement storage security strategies including shared access signatures, blob retention policies, and Azure Files authentication.
- Implement database security strategies including authentication, data classification, dynamic data masking, and always encrypted.
- Implement Azure Monitor including connected sources, log analytics, and alerts.
- Implement Azure Security Center including policies, recommendations, and just in time virtual machine access.
- Implement Azure Sentinel including workbooks, incidents, and playbooks.

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