

AZ-500T00 Microsoft Azure Security Technologies

Course Overview

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This is a 4-day class

In this course students will gain the knowledge and skills needed to implement security controls, maintain the security posture, and identify and remediate vulnerabilities by using a variety of security tools. The course covers scripting and automation, virtualization, and cloud N-tier architecture.



Who Should Attend

Students should have at least one year of hands-on experience securing Azure workloads and experience with security controls for workloads on Azure.

Course Objectives

After completing this course, students will be able to: Describe specialized data classifications on Azure Identify Azure data protection mechanisms Implement Azure data encryption methods Secure Internet protocols and how to implement them on Azure Describe Azure security services and features

Course Outline

1 IDENTITY AND ACCESS

Configure Azure Active Directory for Azure workloads and subscriptions

Configure Azure AD Privileged Identity Management

Configure security for an Azure subscription

2 PLATFORM PROTECTION

Understand cloud security

Build a network

Secure network

Implement host security

Implement platform security

Implement subscription security

3 SECURITY OPERATIONS

Configure security services

Configure security policies by using Azure Security Center

Manage security alerts

Respond to and remediate security issues

Create security baselines

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4 DATA AND APPLICATIONS

- Configure security policies to manage data
- Configure security for data infrastructure
- Configure encryption for data at rest
- Understand application security
- Implement security for application lifecycle
- Secure applications
- Configure and manage Azure Key Vault