

AZ-500T00 Microsoft Azure Security Technologies

Overview

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.

Prerequisite Comments

Before attending this course, students must have knowledge of:
Microsoft Azure Administrator Associate

Target Audience

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

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
