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

Length   : 5 Days
Level   : Intermediate
Technology   : Microsoft Azure
Delivery Method : Instructor-led (Classroom)

Course Overview

In this course participants 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.

Audience Profile

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

At Course Completion

After completing this course, participants 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

Pre-Requisites

- Microsoft Azure Administrator Associate

Course Outline

Module 1: Identity and Access
Lessons
- Configure Azure Active Directory for Azure workloads and subscriptions
- Configure Azure AD Privileged Identity Management
- Configure security for an Azure subscription

Module 2: Platform Protection
Lessons
- Understand cloud security
- Build a network

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- Secure network
- Implement host security
- Implement platform security
- Implement subscription security

Module 3: Security Operations
Lessons

- Configure security services
- Configure security policies by using Azure Security Center
- Manage security alerts
- Respond to and remediate security issues
- Create security baselines

Module 4: Data and applications
Lessons

- 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

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