Microsoft Azure Security Technologies

Course AZ-500A 5 Days Instructor-led, Hands on

Course Information

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.

At Course Completion

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

Prerequisites

Before attending this course, students must have knowledge of:

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

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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