Microsoft Azure Security Technologies (AZ-500)

Modality: On Demand

Duration: 16 Hours

This course prepares you for the AZ-500 Exam leading to AZ-500 Certification. This course does not include the Official Exam Voucher, however, you can request to purchase the Official Exam Voucher separately.

About this Course:

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.

Course Objectives:

- 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

Audiences:

- Azure developers

Prerequisites:

- Microsoft Azure Administrator Associate

Course Outline:

Manage Identity and Access

- Configure Azure AD PIM
- Configure Azure AD for Azure workloads
- Security for an Azure subscription

Implement Platform Protection

- Understand cloud security

- Azure networking
- Secure the network
- Implementing host security
- Implement platform security enhancements
- Implement subscription security

Manage Security Operations

- Configure Security Services
- Configure security policies using Azure Security Center
- Manage security alerts
- Respond to and remediate security issue
- Create security baselines

Secure 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 Validations for Application Development
- Secure Applications
- Configure and Manage Azure Key Vault