

# AZ-500T00-A: Microsoft Azure Security Technologies

## OBJECTIVE

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 TOPICS

### 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

### 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

### TRAINING APPROACH

This course includes lectures, course notes, exercises and hands-on practice.

### COURSE DURATION

16 Hours (in 2 days)

Time: 9:00am to 6:00pm

Lunch Time: 1:00pm to 2:00pm

### CERTIFICATION COMPLETION

A certificate of completion is provided for all trainees attending the course.