

# QUICKSTART

Over 35 Years Of Technology Training

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Learning Style: Virtual Classroom

Provider: Microsoft

Difficulty: Intermediate

Course Duration: 4 Days

Next Course Date: **February 24, 2025**

## Azure Security Engineer Certification: Microsoft Azure Security Technologies (AZ-500)



***If you enroll in this course at the listed price, you receive a **Free Official Exam Voucher** for the AZ-500 Exam. This course does not include Exam Voucher if enrolled within the Master Subscription, 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.

The average salary of a Azure Security Engineer is **\$118,862** per year.

## **Course Objective:**

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

## **Audience:**

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

## **Prerequisite:**

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

### 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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