

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

Modality: Virtual Classroom

Duration: 5 Days

SATV Value: 5

CLC:

NATU:

SUBSCRIPTION: Master

This course prepares you for the AZ-203 Exam leading to AZ-203 Certification. This course does not include the Official Exam Voucher, however, you can request to purchase the Official Exam Voucher separately.

About this Course:

These days every industry in the world is heavily reliant on technology and with the advent of said technology, the significance of virtual security has also come into play. Hence, every firm is looking to employ security engineers in an attempt to protect themselves. Having an Azure security engineer certification can lead to a secure and highly paid job with an average per year salary of around **\$118,862**. This course helps you with acquiring the said skills with ease.

This course is designed to help participants learn the skills required to execute security controls and manage and uphold security postures. The students will also be trained to recognize vulnerabilities in the system and provide remedies using a wide array of security tools. This course also includes an overview of scripting and automation, virtualization and cloud N-tier architecture.

Course Objective:

Upon completion of this course, the participant should have an advanced skill set and a sound working knowledge of the following principals while also be able to;

- Learn what is specialized data and its classifications specifically on Azure.
- Learn how to recognize Azure data protection mechanisms
- Gain the skills needed to execute the data encryption methods available on Azure
- Learn secure internet protocols and their implementation on Azure
- Learn what are Azure security services and their features

Audience:

This particular course is aimed at the following audience;

- Those who have at the very least a one year basic experience of working with security controls for workloads on Azure and a practical knowledge of securing Azure workloads

Prerequisites:

The following prerequisites are absolutely necessary to be eligible to take this course;

- Be familiar with 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