

Microsoft Azure Security Technologies (AZ-500)

Modality: On Demand

Duration: 16 Hours

This course is for professionals planning to enroll in the AZ-500 Exam leading to the AZ-500 Certification. The official exam voucher is not included in this course. However, the official exam voucher can be purchased separately on request

About this Course:

This intermediate-level course focuses on the fundamentals of Microsoft Azure Security Technologies and helps professionals learn the art of implementing security controls, maintaining security posture, and remediating security vulnerabilities with the aid of modern security tools. In addition to this, the key concepts of N-Tier Cloud Architecture, Automation & Scripting, and Virtualization are also discussed comprehensively.

Microsoft Azure Administrators & Security Professionals are liable for managing cloud services and focuses on streamlining networking, storage management, and security solutions & strategies. These professionals also deal with end-user requests linked with new applications and play a key role in optimizing cloud services to achieve optimal performance. This course is specifically designed for Microsoft Azure Administrators and students willing to pursue a professional career in the niche of Cybersecurity and Azure Administration.

Course Objectives:

The core objective of this course is to help professionals develop a better understanding and sound knowledge of the following key concepts:

- Classification of Specialized Data on Microsoft Azure
- Data Protection Mechanism Identification on Microsoft Azure
- Data Encryption Methods Implementation On Microsoft Azure
- Implementation of Secure Internet Protocols on Microsoft Azure
- Security Features and Services of Microsoft Azure

Audience:

This course is specifically tailored for the following group of professionals and interested candidates:

- IT Professionals & Experts
- Azure Developers
- Professionals striving to achieve the AZ-500 Certification

Prerequisites:

Professionals planning to enroll in the Microsoft Azure Security Technologies (AZ-500) course must be Microsoft Certified Azure Administrator Associate Certification.

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