

## AZ-500: MICROSOFT AZURE SECURITY TECHNOLOGIES

LEVEL	INTERMEDIATE	ROLE	SECURITY ENGINEER
DURATION	4 DAY	PRODUCT	AZURE

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## OVERVIEW

This course provides IT Security Professionals with the knowledge and skills needed to implement security controls, maintain an organization's security posture, and identify and remediate security vulnerabilities. This course includes security for identity and access, platform protection, data and applications and security operations.

## AUDIENCE PROFILE

This course is for Azure Security Engineers who are planning to take the associated certification exam, or who are performing security tasks in their day-to-day job. This course would also be helpful to an engineer that wants to specialize in providing security for Azure-based digital platforms and play an integral role in protecting an organization's data.

## In this course, you will learn how to:

- Gain expertise in Azure security best practices and tools.
- Learn to identify and mitigate security risks within an Azure environment.
- Acquire skills to configure identity, network, and application security.
- Develop advanced capabilities to operationalize cloud security monitoring and threat protection.

## Course Prerequisites:

Have a solid understanding of Azure services and general IT security concepts would be beneficial. It's designed for Azure Security Engineers or IT professionals involved in security tasks, so some prior experience in these areas is recommended.

Before taking this course, attendees should complete **Microsoft Azure Administrator Training (AZ-104)**.

## Course Outline

### Module 1: Identity and Access

- **Configure Azure Active Directory and Privileged Identity Management**
- **Implement Azure RBAC and authentication mechanisms**

### Module 2: Platform Protection

- **Secure network and host environments**
- **Configure Azure Firewall, Application Gateway, Front Door, DDoS protection**

### Module 3: Security Operations

- **Configure Azure Security Center / Microsoft Defender**
- **Manage security policies, alerts, and baselines**

### Module 4: Data and Applications

- **Secure data storage and encryption**
- **Use Azure Key Vault; apply application security best practices**

## **Module 5: Certification Exam**

- **Final review and exam administration**

**Apply for the Microsoft Certified: Azure Security Engineer Associate credential**

### **Further Information:**

For More information, or to book your course

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

<https://smartteklearning.com/Course/az-500-microsoft-azure-security-technologies/>

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