



**AZ-500**

# Microsoft Azure Security Engineer

Az-500: Microsoft Azure Security Technologies is a comprehensive training course designed to teach students how to use Azure Security Technologies to protect their Cloud workloads. This course provides comprehensive hands-on labs and step-by-step instructions to guide learners through the technologies that make up the Security Center including: threat protection, identity protection, compliance, site-to-site connectivity, cloud migration, and much more. Through the use of roll-play scenarios, assessments, and real-world examples, learners will gain the experience necessary to effectively protect their Azure workloads. This course is ideal for anyone wanting to understand and master the fundamentals of Azure Security Technologies.

## Module 1: Identity and Access

- 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

- Understand cloud security
- Build a network
- Secure network
- Implement host security
- Implement platform security
- Implement subscription security

## Module 3: Security Operations

- 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

- 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

A large, semi-transparent watermark of a Microsoft certification badge is centered on the page. The badge is shield-shaped with a blue-to-white gradient. At the top, it says "Microsoft CERTIFIED". Below that, it says "AZURE SECURITY ENGINEER" and "ASSOCIATE". At the bottom, there are two white stars.

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