



MICROSOFT TRAINING

AZ-500T00: Secure Cloud Resources with Microsoft Security Technologies

Secure Azure environments and pass your AZ-500 exam. Implement robust security controls with Microsoft Security Technologies.

DURATION

2 hours

LEVEL

Intermediate

FORMAT

Instructor-Led

- Globally Recognized Certification

- Expert-Led Hands-On Training

- Flexible Scheduling

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COURSE OVERVIEW

The AZ-500T00: Secure Cloud Resources with Microsoft Security Technologies course is an essential program for IT professionals aiming to master the intricacies of securing Microsoft Azure environments. This intermediate-level course dives deep into implementing security controls, maintaining the security posture, identifying and remediating vulnerabilities, and protecting hybrid environments as part of an end-to-end infrastructure. Participants will gain practical expertise in core Microsoft security technologies such as Azure Active Directory for identity and access management, Azure Security Center (now Microsoft Defender for Cloud) for threat protection, and Azure Sentinel for Security Information and Event Management (SIEM) and Security Orchestration, Automation, and Response (SOAR). This course empowers you to design, implement, and manage security for platforms, data, and applications within Azure.

Completing this course provides significant professional benefits, equipping you with highly sought-after skills to safeguard cloud infrastructures against evolving cyber threats. You will be prepared to effectively secure Azure resources by implementing robust identity and access management, fortifying network defenses, protecting compute resources, and ensuring data integrity and confidentiality. This specialized knowledge not only enhances your capability to support an organization's cloud journey securely but also serves as a critical stepping stone towards achieving the Microsoft Certified: Azure Security Engineer Associate certification, significantly boosting your career prospects in the rapidly expanding cloud security domain.

Duration	2 hours
Level	Intermediate
Vendor	Microsoft
Exam Code	AZ-500

COURSE CURRICULUM

01 Module 1: Managing Azure Identity and Access

- Securing Azure Active Directory
- Implementing Conditional Access policies
- Configuring Azure AD Identity Protection
- Managing Azure roles and role-based access control (RBAC)
- Implementing Privileged Identity Management (PIM)
- Securing hybrid identity solutions

02 Module 2: Implementing Azure Platform Protection

- Securing Azure virtual networks (NSGs, ASGs, Azure Firewall)
- Configuring Azure DDoS Protection
- Implementing endpoint security for virtual machines
- Managing security for containers and Kubernetes
- Securing Azure storage accounts
- Protecting network traffic with Azure Front Door and WAF

03 Module 3: Managing Azure Security Operations

- Implementing Azure Monitor for security logging and auditing
- Configuring Azure Security Center (Microsoft Defender for Cloud)
- Leveraging Azure Sentinel for SIEM and SOAR
- Responding to security incidents and alerts

- Implementing Azure Policy for compliance

04 Module 4: Securing Azure Data and Applications

- Implementing data encryption (at rest and in transit)
- Managing secrets with Azure Key Vault
- Securing Azure SQL Database and other data services
- Implementing security for Azure App Service and API Management
- Utilizing managed identities for Azure resources

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **Azure Security Engineer**
- > **Cloud Security Analyst**
- > **Identity and Access Management Specialist (Azure focus)**

FREQUENTLY ASKED QUESTIONS

Q: What foundational knowledge or experience is recommended before enrolling in the AZ-500T00 course?

This intermediate-level course is designed for IT professionals with a solid understanding of Azure services, networking, virtualization, and basic security concepts. While not strictly mandatory, prior experience equivalent to the AZ-104 Azure Administrator Associate certification is highly beneficial, as this course builds upon that administrative foundation to focus specifically on security implementation.

Q: What practical skills will I gain to effectively mitigate advanced threats and secure complex Azure architectures?

Upon completion, you will possess hands-on skills to implement robust security measures. This includes configuring advanced Conditional Access policies, deploying and managing Azure Firewall, securing virtual machines with Just-In-Time (JIT) access, encrypting data effectively, leveraging Azure Key Vault for secret management, and proactively monitoring security posture using Azure Security Center and Azure Sentinel to respond to threats in real-time.

Q: How does the AZ-500T00 course prepare me for the Microsoft Certified: Azure Security Engineer Associate certification?

The AZ-500T00 course is directly aligned with the official objectives of the AZ-500 exam. It covers all the core domains required for the certification, including managing identity and access, implementing platform protection, managing security operations, and securing data and applications. Completing this course will provide you with the comprehensive knowledge and practical skills necessary to confidently sit for and pass the AZ-500 certification exam.

ABOUT COMPUTER PRIDE

**computerpride*****East Africa's Premier IT Training Center***

With over 15 years of excellence, Computer Pride delivers globally recognized certification programs from leading technology vendors. Located on Kenyatta Avenue in Nairobi's CBD, our state-of-the-art facilities and expert instructors have empowered thousands of professionals across East Africa.

15+

Years of Excellence

10,000+

Professionals Trained

50+

Vendor Certifications

READY TO ENROL?

Take the next step in your technology career.

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