



MICROSOFT AZ-500

Microsoft Azure Security Technologies Certification Questions & Answers

Exam Summary – Syllabus – Questions

AZ-500
[Microsoft Certified - Azure Security Engineer Associate](#)
40-60 Questions Exam - 700/1000 Cut Score - Duration of 120 minutes

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Know Your AZ-500 Certification Well:

The AZ-500 is best suitable for candidates who want to gain knowledge in the Microsoft Azure. Before you start your AZ-500 preparation you may struggle to get all the crucial Azure Security Technologies materials like AZ-500 syllabus, sample questions, study guide.

But don't worry the AZ-500 PDF is here to help you prepare in a stress free manner. The PDF is a combination of all your queries like-

- What is in the AZ-500 syllabus?
- How many questions are there in the AZ-500 exam?
- Which Practice test would help me to pass the AZ-500 exam at the first attempt?

Passing the AZ-500 exam makes you Microsoft Certified - Azure Security Engineer Associate. Having the Azure Security Technologies certification opens multiple opportunities for you. You can grab a new job, get a higher salary or simply get recognition within your current organization.

Microsoft AZ-500 Azure Security Technologies Certification Details:

Exam Name	Microsoft Certified - Azure Security Engineer Associate
Exam Code	AZ-500
Exam Price	\$165 (USD)
Duration	120 mins
Number of Questions	40-60
Passing Score	700 / 1000
Books / Training	<u>AZ-500T00-A: Microsoft Azure Security Technologies</u>
Schedule Exam	<u>Pearson VUE</u>
Sample Questions	<u>Microsoft Azure Security Technologies Sample Questions</u>
Practice Exam	<u>Microsoft AZ-500 Certification Practice Exam</u>

AZ-500 Syllabus:

Topic	Details
Manage identity and access (30-35%)	
Manage Azure Active Directory identities	<ul style="list-style-type: none"> - configure security for service principals - manage Azure AD directory groups - manage Azure AD users - manage administrative units - configure password writeback - configure authentication methods including password hash and Pass Through Authentication (PTA), OAuth, and passwordless - transfer Azure subscriptions between Azure AD tenants
Configure secure access by using Azure AD	<ul style="list-style-type: none"> - monitor privileged access for Azure AD Privileged Identity Management (PIM) - configure Access Reviews - Configure PIM - implement Conditional Access policies including Multi-Factor Authentication (MFA) - configure Azure AD identity protection
Manage application access	<ul style="list-style-type: none"> - create App Registration - configure App Registration permission scopes - manage App Registration permission consent - manage API access to Azure subscriptions and resources
Manage access control	<ul style="list-style-type: none"> - configure subscription and resource permissions - configure resource group permissions - configure custom RBAC roles - identify the appropriate role <ul style="list-style-type: none"> • apply principle of least privilege - interpret permissions <ul style="list-style-type: none"> • check access
Implement platform protection (15-20%)	
Implement advanced network security	<ul style="list-style-type: none"> - secure the connectivity of virtual networks (VPN authentication, Express Route encryption) - configure Network Security Groups (NSGs) and

Topic	Details
	<p>Application Security Groups (ASGs)</p> <ul style="list-style-type: none"> - create and configure Azure Firewall - implement Azure Firewall Manager - configure Azure Front Door service as an Application Gateway - configure a Web Application Firewall (WAF) on Azure Application Gateway - configure Azure Bastion - configure a firewall on a storage account, Azure SQL, KeyVault, or App Service - implement Service Endpoints - implement DDoS protection
Configure advanced security for compute	<ul style="list-style-type: none"> - configure endpoint protection - configure and monitor system updates for VMs - configure authentication for Azure Container Registry - configure security for different types of containers <ul style="list-style-type: none"> • implement vulnerability management • configure isolation for AKS • configure security for container registry - implement Azure Disk Encryption - configure authentication and security for Azure App Service <ul style="list-style-type: none"> • configure SSL/TLS certs • configure authentication for Azure Kubernetes Service • configure automatic updates
Manage security operations (25-30%)	
Monitor security by using Azure Monitor	<ul style="list-style-type: none"> - create and customize alerts - monitor security logs by using Azure Monitor - configure diagnostic logging and log retention
Monitor security by using Azure Security Center	<ul style="list-style-type: none"> - evaluate vulnerability scans from Azure Security Center - configure Just in Time VM access by using Azure Security Center - configure centralized policy management by using Azure Security Center - configure compliance policies and evaluate for compliance by using Azure Security Center

Topic	Details
	- configure workflow automation by using Azure Security Center
Monitor security by using Azure Sentinel	- create and customize alerts - configure data sources to Azure Sentinel - evaluate results from Azure Sentinel - configure a playbook
Configure security policies	- configure security settings by using Azure Policy - configure security settings by using Azure Blueprint
Secure data and applications (20-25%)	
Configure security for storage	- configure access control for storage accounts - configure key management for storage accounts - configure Azure AD authentication for Azure Storage - configure Azure AD Domain Services authentication for Azure Files - create and manage Shared Access Signatures (SAS) <ul style="list-style-type: none"> • create a shared access policy for a blob or blob container - configure Storage Service Encryption - configure Azure Defender for Storage
Configure security for databases	- enable database authentication - enable database auditing - configure Azure Defender for SQL - implement database encryption <ul style="list-style-type: none"> • implement Azure SQL Database Always Encrypted
Configure and manage Key Vault	- manage access to Key Vault - manage permissions to secrets, certificates, and keys <ul style="list-style-type: none"> • configure RBAC usage in Azure Key Vault - manage certificates - manage secrets - configure key rotation - backup and restore of Key Vault items - configure Azure Defender for Key Vault

Microsoft AZ-500 Sample Questions:

Question: 1

You are securing access to the resources in an Azure subscription. A new company policy states that all the Azure virtual machines in the subscription must use managed disks. You need to prevent users from creating virtual machines that use unmanaged disks. What should you do?

- a) Azure Monitor
- b) Azure Policy
- c) Azure Security Center
- d) Azure Service Health

Answer: b

Question: 2

You have an Azure subscription named Sub1. In Azure Security Center, you have a security playbook named Play1. Play1 is configured to send an email message to a user named User1. You need to modify Play1 to send email messages to a distribution group named Alerts. What should you use to modify Play1?

- a) Azure DevOps
- b) Azure Application Insights
- c) Azure Monitor
- d) Azure Logic Apps Designer

Answer: d

Question: 3

Your company has an Azure subscription named Sub1. Sub1 contains an Azure web app named WebApp1 that uses Azure Application Insights. WebApp1 requires users to authenticate by using OAuth 2.0 client secrets.

Developers at the company plan to create a multi-step web test app that performs synthetic transactions emulating user traffic to Web App1. You need to ensure that web tests can run unattended.

What should you do first?

- a) Register the web test app in Azure AD
- b) Upload the .webtest file to Application Insights
- c) In Microsoft Visual Studio, modify the .webtest file
- d) Add a plug-in to the web test app

Answer: b

Question: 4

You manage an Azure subscription named Sub1 that is currently associated with an Azure AD tenant named company1.com. Sub1 contains a key vault named kv1 and four system-assigned managed identities named m1, m2, m3, and m4.

The subscription's billing administrator is kent@company1.com. You need to migrate Sub1 and the key vault to a new Azure AD tenant named company2.com. You start by transferring Sub1 to company2.com.

What should you do next?

- a) Change the tenant ID of kv1.
- b) Update the billing administrator.
- c) Recreate the system-assigned managed identities.
- d) Re-register all resource providers.

Answer: a

Question: 5

From the Azure portal, you are configuring an Azure policy. You plan to assign policies that use the DeployIfNotExist, AuditIfNotExist, Append, and Deny effects.

Which effect requires a managed identity for the assignment?

- a) AuditIfNotExist
- b) Append
- c) DeployIfNotExist
- d) Deny

Answer: c

Question: 6

Your company uses Azure DevOps. You need to recommend a method to validate whether the code meets the company's quality standards and code review standards.

What should you recommend implementing in Azure DevOps?

- a) branch folders
- b) branch permissions
- c) branch policies
- d) branch locking

Answer: c

Question: 7

From Azure Security Center, you create a custom alert rule. You need to configure which users will receive an email message when the alert is triggered. What should you do?

- a) From Azure Monitor, create an action group
- b) From Security Center, modify the Security policy settings of the Azure subscription
- c) From Azure Active Directory (Azure AD), modify the members of the Security Reader role group
- d) From Security Center, modify the alert rule

Answer: a

Question: 8

You have an Azure subscription named Sub1 that contains an Azure Log Analytics workspace named LAW1. You have 100 on-premises servers that run Windows Server 2012 R2 and Windows Server 2016.

The servers connect to LAW1. LAW1 is configured to collect security-related performance counters from the connected servers. You need to configure alerts based on the data collected by LAW1.

The solution must meet the following requirements:

- Alert rules must support dimensions.
- The time it takes to generate an alert must be minimized.
- Alert notifications must be generated only once when the alert is generated and once when the alert is resolved.

Which signal type should you use when you create the alert rules?

- a) Log
- b) Log (Saved Query)
- c) Metric
- d) Activity Log

Answer: c

Question: 9

You create an Azure Log Analytics workspace named Analytics1 in RG1 in the East US region. Which virtual machines can be enrolled in Analytics1?

- a) VM1 only
- b) VM1, VM2, and VM3 only
- c) VM1, VM2, VM3, and VM4
- d) VM1 and VM4 only

Answer: a**Question: 10**

You are configuring and securing a network environment. You deploy an Azure virtual machine named VM1 that is configured to analyze network traffic. You need to ensure that all network traffic is routed through VM1.

What should you configure?

- a) a system route
- b) a network security group (NSG)
- c) a user-defined route
- d) a security center

Answer: c

Study Guide to Crack Microsoft Azure Security Technologies AZ-500 Exam:

- Getting details of the AZ-500 syllabus, is the first step of a study plan. This pdf is going to be of ultimate help. Completion of the syllabus is must to pass the AZ-500 exam.
- Making a schedule is vital. A structured method of preparation leads to success. A candidate must plan his schedule and follow it rigorously to attain success.
- Joining the Microsoft provided training for AZ-500 exam could be of much help. If there is specific training for the exam, you can discover it from the link above.
- Read from the AZ-500 sample questions to gain your idea about the actual exam questions. In this PDF useful sample questions are provided to make your exam preparation easy.
- Practicing on AZ-500 practice tests is must. Continuous practice will make you an expert in all syllabus areas.

Reliable Online Practice Test for AZ-500 Certification

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