

# MICROSOFT AZ-500

Microsoft Azure Security Technologies Certification Questions &  
Answers

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**AZ-500**

**[Microsoft Certified - Azure Security Engineer Associate](#)**

40-60 Questions Exam - 700 / 1000 Cut Score - Duration of 120 minutes

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**EDUSUM**

#1 Online Certification Guide

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## Discover More about the AZ-500 Certification

Are you interested in passing the Microsoft AZ-500 exam? First discover, who benefits from the AZ-500 certification. The AZ-500 is suitable for a candidate if he wants to learn about Microsoft Azure. Passing the AZ-500 exam earns you the Microsoft Certified - Azure Security Engineer Associate title.

While preparing for the AZ-500 exam, many candidates struggle to get the necessary materials. But do not worry; your struggling days are over. The AZ-500 PDF contains some of the most valuable preparation tips and the details and instant access to useful [AZ-500 study materials just at one click](#).

## 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	<a href="#">AZ-500T00-A: Microsoft Azure Security Technologies</a>
Schedule Exam	<a href="#">Pearson VUE</a>
Sample Questions	<a href="#">Microsoft Azure Security Technologies Sample Questions</a>
Practice Exam	<a href="#">Microsoft AZ-500 Certification Practice Exam</a>

## AZ-500 Syllabus:

Topic	Details
<b>Manage identity and access (30-35%)</b>	
Manage Azure Active Directory (Azure AD) identities	<ul style="list-style-type: none"> <li>- Create and manage a managed identity for Azure resources</li> <li>- Manage Azure AD groups</li> <li>- Manage Azure AD users</li> <li>- Manage external identities by using Azure AD</li> <li>- Manage administrative units</li> </ul>
Manage secure access by using Azure AD	<ul style="list-style-type: none"> <li>- Configure Azure AD Privileged Identity Management (PIM)</li> <li>- Implement Conditional Access policies, including multifactor Authentication</li> <li>- Implement Azure AD Identity Protection</li> <li>- Implement passwordless authentication</li> <li>- Configure access reviews</li> </ul>
Manage application access	<ul style="list-style-type: none"> <li>- Integrate single sign-on (SSO) and identity providers for authentication</li> <li>- Create an app registration</li> <li>- Configure app registration permission scopes</li> <li>- Manage app registration permission consent</li> <li>- Manage API permissions to Azure subscriptions and resources</li> <li>- Configure an authentication method for a service principal</li> </ul>
Manage access control	<ul style="list-style-type: none"> <li>- Configure Azure role permissions for management groups, subscriptions, resource groups, and resources</li> <li>- Interpret role and resource permissions</li> <li>- Assign built-in Azure AD roles</li> <li>- Create and assign custom roles, including Azure roles and Azure AD roles</li> </ul>

Topic	Details
<b>Implement platform protection (15-20%)</b>	
Implement advanced network security	<ul style="list-style-type: none"> <li>- Secure the connectivity of hybrid networks</li> <li>- Secure the connectivity of virtual networks</li> <li>- Create and configure Azure Firewall</li> <li>- Create and configure Azure Firewall Manager</li> <li>- Create and configure Azure Application Gateway</li> <li>- Create and configure Azure Front Door</li> <li>- Create and configure Web Application Firewall (WAF)</li> <li>- Configure a resource firewall, including storage account, Azure SQL, Azure Key Vault, or Azure App Service</li> <li>- Configure network isolation for Web Apps and Azure Functions</li> <li>- Implement Azure Service Endpoints</li> <li>- Implement Azure Private Endpoints, including integrating with other services</li> <li>- Implement Azure Private Links</li> <li>- Implement Azure DDoS Protection</li> </ul>
Configure advanced security for compute	<ul style="list-style-type: none"> <li>- Configure Endpoint Protection for virtual machines (VMs)</li> <li>- Implement and manage security updates for VMs</li> <li>- Configure security for container services</li> <li>- Manage access to Azure Container Registry</li> <li>- Configure security for serverless compute</li> <li>- Configure security for an Azure App service</li> <li>- Configure encryption at rest</li> <li>- Configure encryption in transit</li> </ul>
<b>Manage security operations (25-30%)</b>	
Configure centralized policy management	<ul style="list-style-type: none"> <li>- Configure a custom security policy</li> <li>- Create a policy initiative</li> <li>- Configure security settings and auditing by using Azure Policy</li> </ul>

Topic	Details
Configure and manage threat protection	<ul style="list-style-type: none"> <li>- Configure Microsoft Defender for Servers (not including Microsoft Defender for Endpoint)</li> <li>- Evaluate vulnerability scans from Microsoft Defender for Cloud</li> <li>- Configure Microsoft Defender for SQL</li> <li>- Use the Microsoft Threat Modeling Tool</li> </ul>
Configure and manage security monitoring solutions	<ul style="list-style-type: none"> <li>- Create and customize alert rules by using Azure Monitor</li> <li>- Configure diagnostic logging and log retention by using Azure Monitor</li> <li>- Monitor security logs by using Azure Monitor</li> <li>- Create and customize alert rules in Microsoft Sentinel</li> <li>- Configure connectors in Microsoft Sentinel</li> <li>- Evaluate alerts and incidents in Microsoft Sentinel</li> </ul>
<b>Secure data and applications (25-30%)</b>	
Configure security for storage	<ul style="list-style-type: none"> <li>- Configure access control for storage accounts</li> <li>- Configure storage account access keys</li> <li>- Configure Azure AD authentication for Azure Storage and Azure Files</li> <li>- Configure delegated access</li> </ul>
Configure security for data	<ul style="list-style-type: none"> <li>- Enable database authentication by using Azure AD</li> <li>- Enable database auditing</li> <li>- Configure dynamic masking on SQL workloads</li> <li>- Implement database encryption for Azure SQL Database</li> <li>- Implement network isolation for data solutions, including Azure Synapse Analytics and Azure Cosmos DB</li> </ul>
Configure and manage Azure Key Vault	<ul style="list-style-type: none"> <li>- Create and configure Key Vault</li> <li>- Configure access to Key Vault</li> <li>- Manage certificates, secrets, and keys</li> <li>- Configure key rotation</li> <li>- Configure backup and recovery of certificates, secrets, and keys</li> </ul>

# Broaden Your Knowledge with Microsoft AZ-500

## Sample Questions:

### Question: 1

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: 2

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: 3**

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**

**Question: 4**

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: 5**

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: 6**

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: 7**

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: 8**

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: 9**

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: 10**

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**

## Avail the Study Guide to Pass Microsoft AZ-500 Azure Security Technologies Exam:

- Find out about the AZ-500 syllabus topics. Visiting the official site offers an idea about the exam structure and other important study resources. Going through the syllabus topics help to plan the exam in an organized manner.
- Once you are done exploring the [AZ-500 syllabus](#), it is time to plan for studying and covering the syllabus topics from the core. Chalk out the best plan for yourself to cover each part of the syllabus in a hassle-free manner.
- A study schedule helps you to stay calm throughout your exam preparation. It should contain your materials and thoughts like study hours, number of topics for daily studying mentioned on it. The best bet to clear the exam is to follow your schedule rigorously.
- The candidate should not miss out on the scope to learn from the AZ-500 training. Joining the Microsoft provided training for AZ-500 exam helps a candidate to strengthen his practical knowledge base from the certification.
- Learning about the probable questions and gaining knowledge regarding the exam structure helps a lot. Go through the [AZ-500 sample questions](#) and boost your knowledge
- Make yourself a pro through online practicing the syllabus topics. AZ-500 practice tests would guide you on your strengths and weaknesses regarding the syllabus topics. Through rigorous practicing, you can improve the weaker sections too. Learn well about time management during exam and become confident gradually with practice tests.

## Career Benefits:

- Passing the AZ-500 exam, helps a candidate to prosper highly in his career. Having the certification on the resume adds to the candidate's benefit and helps to get the best opportunities.

## Here Is the Trusted Practice Test for the AZ-500 Certification

EduSum.Com is here with all the necessary details regarding the AZ-500 exam. We provide authentic practice tests for the AZ-500 exam. What do you gain from these practice tests? You get to experience the real exam-like questions made by industry experts and get a scope to improve your performance in the actual exam. Rely on EduSum.Com for rigorous, unlimited two-month attempts on the **[AZ-500 practice tests](#)**, and gradually build your confidence. Rigorous practice made many aspirants successful and made their journey easy towards grabbing the Microsoft Certified - Azure Security Engineer Associate.

**Start Online Practice of AZ-500 Exam by visiting URL**

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