

➤ **Vendor: Microsoft**

➤ **Exam Code: AZ-303**

➤ **Exam Name: Microsoft Azure Architect Technologies**

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QUESTION 211

You are creating an app that will transcribe speech-to-text in Chinese. The app will use the Speech service in Azure and will authenticate by using a service principal. You configure the app to use the Application ID of the service principal and the client secret. Which other value should you add to the app to authenticate to the Speech service?

- A. Subscription ID
- B. Tenant ID
- C. Application Name
- D. Resource Group ID

Answer: D

QUESTION 212

You have an Azure subscription that contains the resources shown in the following table.

Name	Type
Vault1	Azure Key vault
VM1	Virtual machine
VM2	Virtual machine

A certificate named Certificate1 is stored in Vault1. You need to grant VM1 and VM2 access to Certificate1 by using the same security principal. What should you do?

- A. Create an Azure Active Directory (Azure AD) user.
Create an access policy for Vault1.
Assign the access policy to the user.
Configure a user-assigned managed identity for VM1 and VM2.
- B. Create a managed identity.
Assign the Key Vault Reader role-based access control (RBAC) role for Vault1 to the managed identity.
Configure a system-assigned managed identity for VM1 and VM2.
- C. Create an Azure Active Directory (Azure AD) user.
Assign the Key Vault Reader role-based access control (RBAC) role for Vault1 to the user.
Configure a user-assigned managed identity for VM1 and VM2.
- D. Create a managed identity.
Add the Vault1 access policy to the managed identity.
Configure a user-assigned managed identity for VM1 and VM2.

Answer: C

QUESTION 213

You manage a solution in Azure that consists of a single application which runs on a virtual machine (VM). Traffic to the application has increased dramatically.

The application must not experience any downtime and scaling must be dynamically defined.

You need to define an auto-scale strategy to ensure that the VM can handle the workload.

Which three options should you recommend? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. Deploy application automatic vertical scaling.
- B. Create a VM availability set.
- C. Create a VM scale set.
- D. Deploy application automatic horizontal scaling.
- E. Deploy a custom auto-scale implementation.

Answer: CDE

QUESTION 214

Note: This question is part of series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have an Azure Active Directory (Azure AD) tenant named contoso.com. A user named Admin1 attempts to create an access review from the Azure Active Directory admin center and discovers that the Access reviews settings are unavailable. Admin1 discovers that all the other Identity Governance settings are available,

Admin1 is assigned the User administrator, Compliance administrator, and Security administrator roles.

You need to ensure that Admin1 can create access reviews in contoso.com.

Solution: You purchase an Azure Active Directory Premium P2 license for contoso.com.

Does this meet the goal?

- A. Yes
- B. No

Answer: B

QUESTION 215

You monitor Azure virtual machines by using Azure Monitor.

You plan to restart the virtual machines when CPU usage exceeds 95 percent for more than 30 minutes.

You need to create an alert in Azure Monitor to restart the virtual machines.

The solution must minimize administrative effort.

Which type of action should you use in the alert?

- A. Automation Runbook
- B. Logic App
- C. Webhook
- D. ITSM

Answer: A

Explanation:

Automation runbooks allows you to automatically perform standard remediations in response to VM alerts, like restarting or stopping the VM.

Previously, during VM alert rule creation you were able to specify an Automation webhook to a runbook in order to run the runbook whenever the alert triggered. However, this required you to do the work of creating the runbook, creating the webhook for the runbook, and then copying and pasting the webhook during alert rule creation. With this new release, the process is much easier because you can directly choose a runbook from a list during alert rule creation, and you can choose an Automation account which will run the runbook or easily create an account.

Reference:

[AZ-303 Exam Dumps](#) [AZ-303 Exam Questions](#) [AZ-303 PDF Dumps](#) [AZ-303 VCE Dumps](#)

<https://www.braindump2go.com/az-303.html>

<https://azure.microsoft.com/en-us/blog/automatically-remediate-azure-vm-alerts-with-automation-runbooks/>

QUESTION 216

You have an Azure subscription that contains a policy-based virtual network gateway named GW1 and a virtual network named Vnet1.

You need to ensure that you can configure a point to-site connection from an on-premises computer to VNet1. Which two actions should you perform? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point

- A. Delete GW1.
- B. Reset GW1.
- C. Add a service endpoint to VNet1.
- D. Add a connection to GW1.
- E. Add a public IP address space to VNet1.
- F. Create a route-based virtual network gateway.

Answer: AF

QUESTION 217

You have a server named Server1 that runs Windows Server 2019.

Server1 is a container host.

You plan to create a container image.

You create the following instructions in a text editor.

```
LABEL maintainer="User1@contoso.com"

RUN dism.exe /online /enable-feature /all /featurename:iis-webserver /NoRestart

RUN echo "Hello World!" > c:\inetpub\wwwroot\index.html
```

You need to be able to automate the container image creation by using the instructions. To which file should you save the instructions?

- A. Dockerfile
- B. daemon.json
- C. dockerconfig.json
- D. dockerconfig.sjon

Answer: A

QUESTION 218

You plan to create an Azure logic app that will access secrets stored in an Azure key vault.

You need to ensure that the logic app can authenticate to the key vault by using Azure Active Directory (Azure AD).

What should you do?

- A. Turn on the system-assigned managed identity.
- B. Add an Azure Active Directory authorization policy.
- C. Create an app registration.
- D. Modify the access keys.

Answer: B

QUESTION 219

You have a resource group named RG5. The access controls for RG5 are configured as shown in the following exhibit.




[Check access](#)
[Role assignments](#)
[Deny assignments](#)
[Classic administrators](#)
[Roles](#)

Manage access to Azure resources for users, groups, and service principals at this scope by creating role assignments. [Learn More](#)

Name
 Type
 Role

Scope
 Group by

3 items (3 Users)

<input type="checkbox"/>	NAME	TYPE	ROLE	SCOPE
NETWORK CONTRIBUTOR				
	User 1 User1@...	User	Network Contributor	This resource
OWNER				
	prvi prvi@sk...	User	Owner	Subscription (Inherited)
SECURITY ADMIN				
	User 2 User2@...	User	Security Admin	This resource

Which users can deploy virtual networks to RG5?

- A. User1, User2, and prvi
- B. Only User1 and User2
- C. Only User1
- D. Only prvi and User1

Answer: D

Explanation:

User1, the Network Contributor, can create and manage networks, but not access to them. Prvi, the Owner, can create and manage resources of all types.

References:

<https://docs.microsoft.com/en-us/azure/role-based-access-control/built-in-roles>

QUESTION 220

You create the user-assigned identities shown in the following table.

Name	Resource group	Location
Identity1	RG1	West US
Identity2	RG1	Central US
Identity3	RG2	West US

You create a virtual machine that has the following configurations:

- Name: VM1
- Location: West US
- Resource group: RG1

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Which managed identities can you add to VM1?

- A. Identity1 and Identity2 only
- B. Identity1 only
- C. Identity1, identity1 and Identity3
- D. Identity1 and Identity3 only

Answer: B

QUESTION 221

Hotspot Question

You have an Azure subscription that contains a virtual network named VNet1. VNet1 uses an IP address space of 10.0.0.0/16 and contains the subnets in the following table.

Name	IP address range
Subnet0	10.0.0.0/24
Subnet1	10.0.1.0/24
Subnet2	10.0.2.0/24
GatewaySubnet	10.0.254.0/24

Subnet1 contains a virtual appliance named VM1 that operates as a router.

You create a routing table named RT1.

You need to route all inbound traffic to VNet1 through VM1.

How should you configure RT1? To answer, select the appropriate options in the answer area.

Answer Area

Address prefix:
 10.0.0.0/16
 10.0.1.0/24
 10.0.254.0/24

Next hop type:
 Virtual appliance
 Virtual network
 Virtual network gateway

Assigned to:
 GatewaySubnet
 Subnet0
 Subnet1 and Subnet2

Answer:

Answer Area

Address prefix:
 10.0.0.0/16
 10.0.1.0/24
 10.0.254.0/24

Next hop type:
 Virtual appliance
 Virtual network
 Virtual network gateway

Assigned to:
 GatewaySubnet
 Subnet0
 Subnet1 and Subnet2

Explanation:

Box 1: 10.0.1.0/24

Address space of sbbnet 1 as routing should be made through vm1.

Box 2: Virtual Network

Next hop needs to be made for virtual network.

Box 3: Gateway Subnet

Should be made through vnet gateway and that used gateway subnet only.

References:

<https://docs.microsoft.com/en-us/azure/virtual-network/virtual-networks-udr-overview>

QUESTION 222

Hotspot Question

You are designing a virtual network to support a web application.

The web application uses Blob storage to store large images.

The web application will be deployed to an Azure App Service Web App.

You have the following requirements:

- Secure all communications by using Secured Socket layer (SSL) SSL encryption and decryption must be processed efficiently to support high traffic load on the web application
- Protect the web application from web vulnerabilities and attacks without modification to backend code
- Optimize web application responsiveness and reliability by routing HTTP request and responses to the endpoint with the lowest network latency for the client.

You need to configure the Azure components to meet the requirements.

What should you do? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Requirement	Component
SSL Encrypt / Decrypt	<input type="text" value=""/> <div style="border: 1px solid black; padding: 2px;"> Azure Application Gateway Azure Monitor Azure Security Center Azure Traffic Manager </div>
Protect from web vulnerabilities	<input type="text" value=""/> <div style="border: 1px solid black; padding: 2px;"> Azure Application Gateway Azure Monitor Azure Security Center Azure Traffic Manager </div>
Optimize responsiveness and reliability	<input type="text" value=""/> <div style="border: 1px solid black; padding: 2px;"> Azure Application Gateway Azure Monitor Azure Security Center Azure Traffic Manager </div>

Answer:

Requirement	Component
SSL Encrypt / Decrypt	<div style="border: 1px solid black; padding: 2px;"> <input type="text" value=""/> <ul style="list-style-type: none"> <li style="background-color: #e0ffe0; padding: 2px;">Azure Application Gateway <li style="padding: 2px;">Azure Monitor <li style="padding: 2px;">Azure Security Center <li style="padding: 2px;">Azure Traffic Manager </div>
Protect from web vulnerabilities	<div style="border: 1px solid black; padding: 2px;"> <input type="text" value=""/> <ul style="list-style-type: none"> <li style="background-color: #e0ffe0; padding: 2px;">Azure Application Gateway <li style="padding: 2px;">Azure Monitor <li style="padding: 2px;">Azure Security Center <li style="padding: 2px;">Azure Traffic Manager </div>
Optimize responsiveness and reliability	<div style="border: 1px solid black; padding: 2px;"> <input type="text" value=""/> <ul style="list-style-type: none"> <li style="padding: 2px;">Azure Application Gateway <li style="padding: 2px;">Azure Monitor <li style="padding: 2px;">Azure Security Center <li style="background-color: #e0ffe0; padding: 2px;">Azure Traffic Manager </div>

Explanation:

Box 1: Azure application Gateway

Azure Application Gateway supports end-to-end encryption of traffic. Application Gateway terminates the SSL connection at the application gateway. The gateway then applies the routing rules to the traffic, re-encrypts the packet and forwards the packet to the appropriate back-end server based on the routing rules defined. Any response from the web server goes through the same process back to the end user.

Box 2: Azure application Gateway

<https://docs.microsoft.com/en-us/azure/web-application-firewall/ag/ag-overview>

Box 3: Azure Traffic Manager

Azure Traffic Manager is a DNS-based traffic load balancer that enables you to distribute traffic optimally services across global Azure regions, while providing high availability and responsiveness.

References:

<https://docs.microsoft.com/en-us/azure/application-gateway/application-gateway-end-to-end-ssl-powershell>

<https://docs.microsoft.com/en-us/azure/traffic-manager/traffic-manager-overview>

<https://docs.microsoft.com/en-us/azure/security-center/security-center-intro>