

Microsoft

Exam Questions AZ-101

Microsoft Azure Integration and Security



NEW QUESTION 1

Note: This question is part of a 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 web app named App1. App1 runs in an Azure App Service plan named Plan1. Plan1 is associated to the Free pricing tier.

You discover that App1 stops each day after running continuously for 60 minutes. You need to ensure that App1 can run continuously for the entire day.

Solution: You change the pricing tier of Plan1 to Shared. Does this meet the goal?

A. Yes

B. No

Answer: B

Explanation:

You should switch to the Basic Tier.

The Free Tier provides 60 CPU minutes / day. This explains why App1 is stops. The Shared Tier provides 240 CPU minutes / day. The Basic tier has no such cap.

References:

<https://azure.microsoft.com/en-us/pricing/details/app-service/windows/>

NEW QUESTION 2

Note: This question is part of a 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 Adatum and an Azure Subscription named Subscription1. Adatum contains a group named Developers. Subscription1 contains a resource group named Dev.

You need to provide the Developers group with the ability to create Azure logic apps in the Dev resource group.

Solution: On Subscription1, you assign the Logic App Operator role to the Developers group. Does this meet the goal?

A. Yes

B. No

Answer: B

Explanation:

The Logic App Operator role only lets you read, enable and disable logic app. With it you can view the logic app and run history, and enable/disable. Cannot edit or update the definition.

You would need the Logic App Contributor role. References:

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

NEW QUESTION 3

HOTSPOT

You create an Azure web app named WebApp1. WebApp1 has the autoscale settings shown in the following exhibit.

Autoscale setting name	Rule1
Resource group	VMRG
Instance count	1

Default Auto created scale condition	
Scale mode	<input type="radio"/> Scale based on a metric <input checked="" type="radio"/> Scale to a specific instance count
Instance count	<input type="text" value="1"/>
Schedule	This scale condition is executed when none of the other scale condition(s) match

Auto created scale condition 1

Scale mode
☒ Scale based on a metric
☐ Scale to a specific instance count

Scale out

When
Plan1
(Average) CpuPercentage > 80
Increase instance count by 2

Rules
Scale in

When
Plan1
(Average) CpuPercentage > 25
Decrease instance count by 1

+Add a rule

Instance limits

Minimum
2

Maximum
10

Default
4

Schedule
☒ Specify start/end dates
☐ Repeat specific days

Timezone
(UTC+01:00) Amsterdam, Berlin, Bern, Rome, Sto..

Start date

2018-07-01

12:00:00 AM

End date

2018-07-31

11:59:00 PM

The scale out and scale in rules are configured to have a duration of 10 minutes and a cool down time of five minutes.
Use the drop-down menus to select the answer choice that completes each statement based on the information presented in the graphic.
NOTE: Each correct selection is worth one point.

If on August 8, 2018, WebApp1 is used at more than 85 percent for 15 minutes,
WebApp1 will be running **[answer choice]**.

▼

one instance
two instances
four instances
six instances
ten instances

If on July8, 2018, WebApp1 is used at less than 15 percent for 60 minutes,
WebApp1 will be running **[answer choice]**.

▼

one instance
two instances
three instances
four instances
six instances

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

If on August 8, 2018, WebApp1 is used at more than 85 percent for 15 minutes, WebApp1 will be running **[answer choice]**.

▼
one instance
two instances
four instances
six instances
ten instances

If on July8, 2018, WebApp1 is used at less than 15 percent for 60 minutes, WebApp1 will be running **[answer choice]**.

▼
one instance
two instances
three instances
four instances
six instances

NEW QUESTION 4

You are building a custom Azure function app to connect to Azure Event Grid.

You need to ensure that resources are allocated dynamically to the function app. Billing must be based on the executions of the app.

What should you configure when you create the function app?

- A. the Windows operating system and the Consumption plan hosting plan
- B. the Windows operating system and the App Service plan hosting plan
- C. the Docker container and an App Service plan that uses the BI1 pricing tier
- D. the Docker container and an App Service plan that uses the SI pricing

Answer: A

Explanation:

Azure Functions runs in two different modes: Consumption plan and Azure App Service plan. The Consumption plan automatically allocates compute power when your code is running. Your app is scaled out when needed to handle load, and scaled down when code is not running.

Incorrect Answers:

B: When you run in an App Service plan, you must manage the scaling of your function app. References:

<https://docs.microsoft.com/en-us/azure/azure-functions/functions-create-first-azure-function>

NEW QUESTION 5

You have an Azure App Service plan named AdatumASP1 that uses the P2v2 pricing tier. AdatumASP1 hosts MI Azure web app named adatumwebapp1. You need to delegate the management of adatumwebapp1 to a group named Devs. Devs must be able to perform the following tasks:

- Add deployment slots.
- View the configuration of AdatumASP1.
- Modify the role assignment for adatumwebapp1. Which role should you assign to the Devs group?

- A. Owner
- B. Contributor
- C. Web Plan Contributor
- D. Website Contributor

Answer: B

Explanation:

The Contributor role lets you manage everything except access to resources. Incorrect Answers:

A: The Owner role lets you manage everything, including access to resources.

C: The Web Plan Contributor role lets you manage the web plans for websites, but not access to them.

D: The Website Contributor role lets you manage websites (not web plans), but not access to them. References:

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

NEW QUESTION 6

Your company recently hired a user named janet-7509087@ExamUsers.com.

You need to ensure that janet-7509087@ ExamUsers.com can connect to load balancer named Web-LAB. The solution must ensure that janet-7509087@ ExamUsers.com can modify the backend pools.

What should you do from the Azure portal?

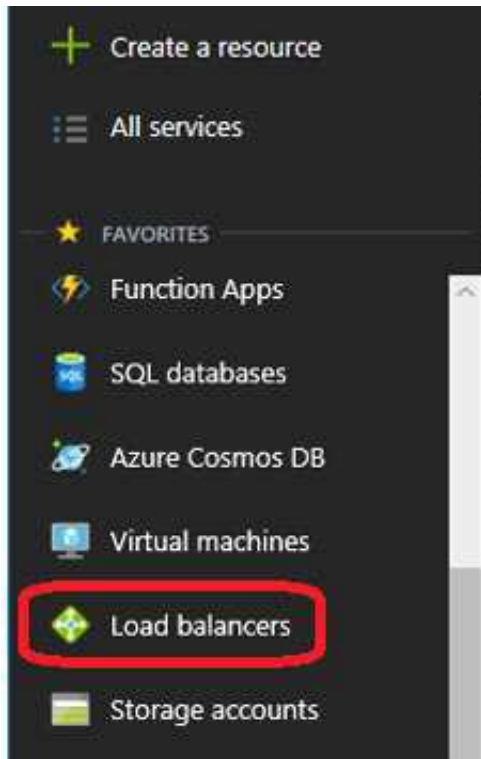
- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Step 1:

In the navigation list, choose Load Balancer.



Step 2:

Locate the load balancer named Web-ALB, and click the Access icon. Step3:

In the Users blade, click Roles. In the Roles blade, click Add to add permissions for the user Janet- 7509087@ExamUsers.com.

Step 4:

Add permission to modify backend pools References:

<https://docs.microsoft.com/en-us/azure/azure-stack/azure-stack-manage-permissions>

NEW QUESTION 7

HOTSPOT

You need to prepare the environment to implement the planned changes for Server2.

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

NOTE: Each correct selection is worth one point.

From the Azure portal:

	▼
Create an Azure Migrate project.	
Create a Recovery Services vault.	
Upload a management certificate.	
Create an Azure Import/Export job.	

On Server2:

	▼
Enable Hyper-V Replica.	
Install the Azure File Sync agent.	
Create a collector virtual machine.	
Configure Hyper-V storage migration.	
Install the Azure Site Recovery Provider.	

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: Create a Recovery Services vault

Create a Recovery Services vault on the Azure Portal. Box 2: Install the Azure Site Recovery Provider

Azure Site Recovery can be used to manage migration of on-premises machines to Azure. Scenario: Migrate the virtual machines hosted on Server1 and Server2 to Azure.

Server2 has the Hyper-V host role. References:

<https://docs.microsoft.com/en-us/azure/site-recovery/migrate-tutorial-on-premises-azure>

Case Study: 5

Mix Questions Set C (Evaluate and perform server migration to Azure)

NEW QUESTION 8

HOTSPOT

Your company has offices in New York and Los Angeles.

You have an Azure subscription that contains an Azure virtual network named VNet1. Each office has a site-to-site VPN connection to VNet1. Each network uses the address spaces shown in the following table.

Location	IP address space
VNet1	192.168.0.0/20
New York	10.0.0.0/16
Los Angeles	10.10.0.0/16

You need to ensure that all Internet-bound traffic from VNet1 is routed through the New York office.
What should you do? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

In Azure, run:

	▼
New-AzureRmLocalNetworkGateway	
New-AzureRmVirtualNetworkGatewayConnection	
Set-AzureRmVirtualNetworkGatewayDefaultSite	

On a VPN device in the New York office, set the traffic selectors to:

	▼
0.0.0.0/0	
10.0.0.0/16	
192.168.0.0/20	

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Incorrect Answers:

Not: New-AzureRmVirtualNetworkGatewayConnection

This command creates the Site-to-Site VPN connection between the virtual network gateway and the on-prem VPN device. We already have Site-to-Site VPN connections.

Box 2: 192.168.0.0/20

Specify the VNET1 address. References:

<https://docs.microsoft.com/en-us/powershell/module/azurermlnetwork/set-azurermvirtualnetworkgatewaydefaultsite>

NEW QUESTION 9

HOTSPOT

You have an Azure subscription named Subscription1 that contains the resources in the following table.

Name	Type
VM1	Virtual machine
VM2	Virtual machine
AppGW1	Application gateway

VM1 and VM2 run the websites in the following table.

Name	Host header
Default	Not applicable
Web1	Site1.contoso.com
Web2	Site2.contoso.com

AppGW1 has the backend pools in the following table.

Name	Virtual machines
Pool1	VM1
Pool2	Vm2

DNS resolves site1.contoso.com, site2.contoso.com, and site3.contoso.com to the IP address of AppGW1.

AppGW1 has the listeners in the following table.

Name	Protocol	Associated rule	Host name
Listener1	HTTP	Not applicable	Site1.contoso.com
Listener2	HTTP	Rule2	Site2.contoso.com
Listener3	HTTP	Rule3	Not applicable

AppGW1 has the rules in the following table.

Name	Type	Listener	Backend pool
Rule2	Basic	Listener2	Pool1
Rule3	Basic	Listener3	Pool2

For each of the following statements, select Yes if the statement is true. Otherwise, select No.
NOTE: Each correct selection is worth one point.

Answer Area

Statements	Yes	No
If you browse to site1.contoso.com from the Internet, you will be directed to VM1.	<input type="radio"/>	<input type="radio"/>
If you browse to site2.contoso.com from the Internet, you will be directed to VM1.	<input type="radio"/>	<input type="radio"/>
If you browse to site3.contoso.com from the Internet, you will be directed to VM1.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Vm1 is in Pool1. Rule2 applies to Pool1, Listener 2, and site2.contoso.com

NEW QUESTION 10

You have an azure subscription that contain a virtual named VNet1. VNet1. contains four subnets named Gateway, perimeter, NVA, and production. The NVA contain two network virtual appliance (NVAs) that will network traffic inspection between the perimeter subnet and the production subnet. You need o implement an Azure load balancer for the NVAs. The solution must meet the following requirements:
The NVAs must run in an active-active configuration that uses automatic failover.
The NVA must load balance traffic to two services on the Production subnet. The services have different IP addresses
Which three actions should you perform? Each correct answer presents parts of the solution.
NOTE: Each correct selection is worth one point.

- A. Add two load balancing rules that have HA Ports enabled and Floating IP disabled.
- B. Deploy a standard load balancer.
- C. Add a frontend IP configuration, two backend pools, and a health prob.
- D. Add a frontend IP configuration, a backend pool, and a health probe.
- E. Add two load balancing rules that have HA Ports and Floating IP enabled.
- F. Deploy a basic load balancer.

Answer: BCE

Explanation:

A standard load balancer is required for the HA ports.
-Two backend pools are needed as there are two services with different IP addresses.
-Floating IP rule is used where backend ports are reused. Incorrect Answers:
F: HA Ports are not available for the basic load balancer. References:
<https://docs.microsoft.com/en-us/azure/load-balancer/load-balancer-standard-overview> <https://docs.microsoft.com/en-us/azure/load-balancer/load-balancer-multivip-overview>

NEW QUESTION 10

You have an Azure subscription named Subscnption1 that contains an Azure virtual machine named VM1. VM1 is in a resource group named RG1. VM1 runs services that will be used to deploy resources to RG1.
You need to ensure that a service running on VM1 can manage the resources in RG1 by using the identity of VM1. What should you do fit -

- A. From the Azure portal modify the Access control (1AM) settings of VM1.
- B. From the Azure portal, modify the Policies settings of RG1.
- C. From the Azure portal, modify the value of the Managed Service Identity option for VM1.
- D. From the Azure portal, modify the Access control (IAM) settings of RG1.

Answer: C

Explanation:

A managed identity from Azure Active Directory allows your app to easily access other AAD-protected resources such as Azure Key Vault. The identity is managed

by the Azure platform and does not require you to provision or rotate any secrets.
User assigned managed identities can be used on Virtual Machines and Virtual Machine Scale Sets. References:
<https://docs.microsoft.com/en-us/azure/app-service/app-service-managed-service-identity>

NEW QUESTION 15

You are configuring Azure Active Directory (AD) Privileged Identity Management.
You need to provide a user named Admm1 with read access to a resource group named RG1 for only one month.
The user role must be assigned immediately.
What should you do?

- A. Assign an active role.
- B. Assign an eligible role.
- C. Assign a permanently active role.
- D. Create a custom role and a conditional access policy.

Answer: B

Explanation:

Azure AD Privileged Identity Management introduces the concept of an eligible admin. Eligible admins should be users that need privileged access now and then, but not all-day, every day. The role is inactive until the user needs access, then they complete an activation process and become an active admin for a predetermined amount of time.

References:

<https://docs.microsoft.com/en-us/azure/active-directory/privileged-identity-management/pim-configure>

NEW QUESTION 16

You have an Azure Active Directory (Azure AD) tenant named Tenant1 and an Azure subscription named You enable Azure AD Privileged Identity Management.
You need to secure the members of the Lab Creator role. The solution must ensure that the lab creators request access when they create labs.
What should you do first?

- A. From Azure AD Privileged Identity Management, edit the role settings for Lab Creator.
- B. From Subscription1 edit the members of the Lab Creator role.
- C. From Azure AD Identity Protection, creates a user risk policy.
- D. From Azure AD Privileged Identity Management, discover the Azure resources of Conscription.

Answer: A

Explanation:

As a Privileged Role Administrator you can:

?Enable approval for specific roles

?Specify approver users and/or groups to approve requests

?View request and approval history for all privileged roles References:

<https://docs.microsoft.com/en-us/azure/active-directory/privileged-identity-management/pim-configure>

NEW QUESTION 19

You have an Azure subscription.
You enable multi-factor authentication for all users.
Some users report that the email applications on their mobile device cannot co browser and from Microsoft Outlook 2016 on their computer.
You need to ensure that the users can use the email applications on their mobile device. What should you instruct the users to do?
The users can access Exchange Online by using a web

- A. Enable self-service password reset.
- B. Create an app password.
- C. Reset the Azure Active Directory (Azure AD) password.
- D. Reinstall the Microsoft Authenticator app.

Answer: A

Explanation:

References:

<https://docs.microsoft.com/en-us/azure/active-directory/authentication/concept-sspr-howitworks>

NEW QUESTION 24

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