



Microsoft

AZ-101 Exam

Microsoft Azure Integration and Security Exam

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Version: 9.0

Case Study: 1

Mix Questions Set A

(Implement and manage application services)

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 Basic. Does this meet the goal?

A. Yes

B. No

Answer: A

Explanation:

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

Explanation:

References:

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

Question: 2

Note: This question is part of a series of questions that present the same scenario goals. Some question sets might have more than one correct solution, while others

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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 add a triggered WebJob to App1.

Does this meet the goal?

A. Yes

B. No

Answer: B

Explanation:

You need to change to Basic pricing Tier.

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

Explanation:

References:

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

Question: 3

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.

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You have an Azure web) app named Appl. 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.

Explanation:

References:

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

Question: 4

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 contains a resource group named Dev.

Subscription1. Adatum contains a group named Developers. Subscription1

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

Solution: On Dev, you assign the Logic App Contributor role to the Developers group.

Does this meet the goal?

A. Yes

B. No

Answer: A

Explanation:

The Logic App Contributor role lets you manage logic app, but not access to them. It provides access to view, edit, and update a logic app.

Explanation:

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>

Question: 5

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.

Explanation:

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>

Question: 6

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.

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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 DevTest Labs User role to the Developers group.

Does this meet the goal?

A. Yes

B. No

Answer: B

Explanation:

DevTest Labs User role only lets you connect, start, restart, and shutdown virtual machines in your Azure DevTest Labs.

You would need the Logic App Contributor role.

Explanation:

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>

Question: 7

Note This question is part of a series of questions that present the same scenario. 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 manage a virtual network named VNet1 that is hosted in the West US Azure region.

VNet1 hosts two virtual machines named VM1 and VM2 that run Windows Server.

You need to inspect all the network traffic from VM1 to VM2 for a period of three hours.

Solution: From Performance Monitor, you create a Data Collector Set (DCS)
Does this meet the goal?

- A. Yes
- B. No

Answer: B

Explanation:

You should use Azure Network Watcher.

Explanation:

References:

<https://docs.microsoft.com/en-us/azure/network-watcher/network-watcher-monitoring-overview>

Question: 8

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 these questions will not appear in the review screen.

You manage a virtual network named VNet1 that is hosted in the West US Azure region.

VNet1 hosts two virtual machines named VM1 and VM2 that run Windows Server.

You need to inspect all the network traffic from VM1 to VM2 for a period of three hours.

Solution: From Azure Network Watcher, you create a packet capture.

Does this meet the goal?

- A. Yes
- B. No

Answer: A

Explanation:

Azure Network Watcher provides tools to monitor, diagnose, view metrics, and enable or disable logs for resources in an Azure virtual network.

Capture packets to and from a VM

Advanced filtering options and fine-tuned controls, such as the ability to set time and size limitations, provide versatility. The capture can be stored in Azure Storage, on the VM's disk, or both. You can then analyze the capture file using several standard network capture analysis tools.

Network Watcher variable packet capture allows you to create packet capture sessions to track traffic to and from a virtual machine. Packet capture helps to diagnose network anomalies both reactively and proactively.

Explanation:

References:

<https://docs.microsoft.com/en-us/azure/network-watcher/network-watcher-monitoring-overview>

Question: 9

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 Scale based on a metric Scale to a specific instance count

Instance count

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** **Maximum** **Default**

Schedule Specify start/end dates Repeat specific days

Timezone

Start date

End date

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

Answer:

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

Question: 10

DRAG DROP

You have an Azure subscription that contains an Azure Service Bus named Bus1.

Your company plans to deploy two Azure web apps named App1 and App2. The web apps will create messages that have the following requirements:

Each message created by App1 must be consumed by only a single consumer

Each message created by App2 will be consumed by multiple consumers.

Which resource should you create for each web app? To answer, drag the appropriate resources to the correct web apps. Each resource may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Resource

- A Service Bus queue
- A Service Bus topic
- An Azure Event Grid topic
- Azure Blob storage

Answer Area

- App1
- App2

Answer:

Answer Area

- App1
- App2

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