



Free Questions for AZ-204

Shared by Brock on 09-08-2024

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Question 1

Question Type: MultipleChoice

Case Study: Mix Questions

Mix Questions

AZ-204 Mix Questions IN THIS CASE STUDY

You develop a Python application for image rendering that uses GPU resources to optimize rendering processes. You deploy the application to an Azure

Container Instances (ACI) Linux container.

The application requires a secret value to be passed when the container is started. The value must only be accessed from within the container.

You need to pass the secret value.

What are two possible ways to achieve this goal? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

Options:

- A- Create an environment variable Set the secureValue property to the secret value.
- B- Add the secret value to the container image. Use a managed identity.
- C- Add the secret value to the application code Set the container startup command.
- D- Add the secret value to an Azure Blob storage account. Generate a SAS token.
- E- Mount a secret volume containing the secret value in a secrets file.

Answer:

A, E

Explanation:

Objects with secure values are intended to hold sensitive information like passwords or keys for your application. Using secure values for environment variables is both safer and more flexible than including it in your container's image. Another option is to use secret volumes, described in Mount a secret volume in Azure Container Instances....

<https://docs.microsoft.com/en-us/azure/container-instances/container-instances-environment-variables>

Question 2

Question Type: MultipleChoice

Case Study: Mix Questions

Mix Questions

AZ-204 Mix Questions IN THIS CASE STUDY

You have 100 Azure virtual machines (VMs) with the system-assigned managed identity enabled.

You need to identify the value of the object ID attribute for each of the identities.

Which command should you use?

Options:

- A- az resource show
- B- az ad signed-in-user list-owned-objects
- C- az ad user show
- D- Get-AzVM

Answer:

B

Question 3

Question Type: MultipleChoice

Case Study: Mix Questions

Mix Questions

AZ-204 Mix Questions IN THIS CASE STUDY

You have a web application that provides access to legal documents that are stored on Azure Blob Storage with version level immutability policies. Documents are protected with both time-based policies and legal hold policies. All time-based retention policies have AllowProtectedAppendWrites property enabled.

You have a requirement to prevent the user from attempting to perform operations that would fail only if a legal hold is in effect and when all other retention policies are expired.

You need to meet the requirement.

Which two operations you prevent?

Options:

- A- overwriting existing
- B- adding data to documents
- C- deleting documents
- D- creating document

Answer:

A, C

Question 4

Question Type: MultipleChoice

Case Study: Mix Questions

Mix Questions

AZ-204 Mix Questions IN THIS CASE STUDY

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 on the review screen.

You are implementing an application by using Azure Event Grid to push near-real-time information to customers.

You have the following requirements:

- * You must send events to thousands of customers that include hundreds of various event types.
- * The events must be filtered by event type before processing.
- * Authentication and authorization must be handled by using Microsoft Entra ID.
- * The events must be published to a single endpoint.

You need to implement Azure Event Grid.

Solution: Publish events to a partner topic. Create an event subscription for each customer.

Does the solution meet the goal?

Options:

A- Yes

B- No

Answer:

B



Question 5

Question Type: Hotspot

Case Study: Mix Questions

Mix Questions

AZ-204 Mix Questions IN THIS CASE STUDY

You develop and deploy a web app to Azure App service. The web app allows users to authenticate by using social identity providers through the Azure B2C service. All user profile information is stored in Azure B2C.

You must update the web app to display common user properties from Azure B2C to include the following information:

Email address

Job title

First name

Last name

Office Location

You need to implement the user properties in the web app.



Requirement

API to access user properties

Value

Microsoft Graph
Azure AD Graph
Azure Key Vault
Azure AD entitlement management

Code library to interface to Azure AD B2C

Microsoft Authentication Library (MSAL)
Microsoft Azure Key Vault SDK
Azure Identity library

Answer:

See the Answer in the Premium Version!

Question 6

Question Type: Hotspot

Case Study: Mix Questions

Mix Questions

AZ-204 Mix Questions IN THIS CASE STUDY

You are developing an ASP.NET Core time sheet application that runs as an Azure Web App. Users of the application enter their time sheet information on the first day of every month.

The application uses a third-party web service to validate data.

The application encounters periodic server errors due to errors that result from calling a third-party web server. Each request to the third-party server has the same chance of failure.

You need to configure an Azure Monitor alert to detect server errors unrelated to the third-party service. You must minimize false-positive alerts.

How should you complete the Azure Resource Manager template? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

```

"type": "Microsoft.Insights/metricAlerts",
"properties": {
  "criteria": {
    "odata.type": "...",
    "allOf": [
      {
        "criterionType": "
          DynamicThresholdCriterion
          SingleResourceMultipleMetricCriteria
        ",
        "metricName": "
          Http4xx
          Http5xx
        ",
        "alertSensitivity": "
          Low
          High
        "
      }
    ]
  }
}

```

Answer:

See the Answer in the Premium Version!

Explanation:

<https://docs.microsoft.com/en-us/azure/azure-monitor/alerts/alerts-dynamic-thresholds>

Question 7

Question Type: MultipleChoice

Case Study: Mix Questions

Mix Questions

AZ-204 Mix Questions IN THIS CASE STUDY

You are developing an application to store information about the organizational structure for a company.

Users must be able to determine which people report to a particular manager, the office where employees work, and the projects that are assigned to an employee.

Which Azure Cosmos DB API should you use for the application?

Options:

- A- Core
- B- Cassandra
- C- Table API
- D- Gremlin
- E- MongoDB

Answer:

E

Question 8

Question Type: Hotspot

Case Study: Mix Questions

Mix Questions

AZ-204 Mix Questions IN THIS CASE STUDY

You develop and deploy an Azure App Service web app that connects to Azure Cache for Redis as a content cache. An resources have been deployed to East US 2 region.

The security team requires the from Azure Cache for Redis:

The number of Redis client connections from an associated IP address.

Redis operations completed on the content cache.

The location (region) in which the Azure Cache for Redis instance was accessed.

The audit information must be captured and analyzed by a security team application deployed to Central US region

You need to log information on all client corrections to the cache.

Which configuration values should you use?

Requirement	Configuration value
Store log information.	<div>Log Analytics workspace</div> <div>Blob Storage account</div> <div>Data Lake Storage Gen2 Storage account</div> <div>Event hub</div>
Enable client connection logging.	<div>Diagnostic setting</div> <div>Managed identity</div> <div>App registration</div> <div>Environment variable</div>

Answer:

See the Answer in the Premium Version!

Question 9

Question Type: MultipleChoice

Case Study: Mix Questions

Mix Questions

AZ-204 Mix Questions IN THIS CASE STUDY

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 develop an HTTP triggered Azure Function app to process Azure Storage blob data.

a. The app is triggered using an output binding on the blob.

The app continues to time out after four minutes. The app must process the blob data.

You need to ensure the app does not time out and processes the blob data.

Solution: Update the functionTimeout property of the host.json project file to 10 minutes.

Does the solution meet the goal?

Options:

A- Yes

B- No

Answer:

B

Explanation:

Instead pass the HTTP trigger payload into an Azure Service Bus queue to be processed by a queue trigger function and return an immediate HTTP success response.

Note: Large, long-running functions can cause unexpected timeout issues. General best practices include:

Whenever possible, refactor large functions into smaller function sets that work together and return responses fast. For example, a webhook or HTTP trigger function might require an acknowledgment response within a certain time limit; it's common for webhooks to require an immediate response. You can pass the HTTP trigger payload into a queue to be processed by a queue trigger function. This approach lets you defer the actual work and return an immediate response.

<https://docs.microsoft.com/en-us/azure/azure-functions/functions-best-practices>

Question 10

Question Type: DragDrop

Case Study: Mix Questions

Mix Questions

AZ-204 Mix Questions IN THIS CASE STUDY

You are developing an application to store millions of images in Azure blob storage. The images are uploaded to an Azure blob storage container named companyimages contained in an Azure blob storage account named companymedi

a. The stored images are uploaded with multiple blob index tags across multiple blobs in the container.

You must find all blobs whose tags match a search expression in the container. The search expression must evaluate an index tag named status with a value of final.

You need to construct the GET method request URL

How should you complete the URI? To answer, drag the appropriate parameters to the correct request URI targets. Each parameter 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.

Parameters

- Status='Final'
- Status <='Final'
- companymedia
- companyimages

Answer Area

https:// [] .blob.core.windows.net/[] ?restype=container&comp=blobs&where=[]

Answer:

See the Answer in the Premium Version!

Question 11

Question Type: Hotspot

Case Study: Mix Questions

Mix Questions

AZ-204 Mix Questions IN THIS CASE STUDY

You are developing an online game that allows players to vote for their favorite photo that illustrates a word. The game is built by using Azure Functions and uses durable entities to track the vote count

The voting window is 30 seconds. You must minimize latency.

You need to implement the Azure Function for voting.

How should you complete the code? To answer, select the appropriate options in the answer area.

Answer Area

```

[FunctionName("Vote")]
public static async Task<HttpResponseMessage> Run(
    [HttpTrigger("POST", Route = "pic/{id}")] HttpRequestMessage req,
    SignalEntityAsync c,
    {
        [DurableClient] IDurableEntityClient
        [DurableClient] IDurableOrchestrationClient

        return req.CreateResponse(HttpStatusCode.OK);
    }
    {
        var eid = new EntityId("pic", id);
        await c.
        return req.Cr
    }

```

SignalEntityAsync
CallEntityAsync
SignalEntityAsync
[DurableClient] IDurableEntityClient
[DurableClient] IDurableOrchestrationClient

[DurableClient] IDurableEntityClient
CallEntityAsync
SignalEntityAsync
[DurableClient] IDurableEntityClient
[DurableClient] IDurableOrchestrationClient

Answer:

See the Answer in the Premium Version!

Question 12

Question Type: MultipleChoice**Case Study:** Mix Questions

Mix Questions

AZ-204 Mix Questions IN THIS CASE STUDY

You are developing an Azure App Service web app.

The web app must securely store session information in Azure Redis Cache.

You need to connect the web app to Azure Redis Cache.

Which three Azure Redis Cache properties should you use? Each correct answer presents part of the solution.

Each correct selection is worth one point.

Options:

A- SSL port

- B- Subscription name
- C- Location
- D- Host name
- E- Access key
- F- Subscription id

Answer:

A, D, E

Explanation:

<https://learn.microsoft.com/en-us/azure/azure-cache-for-redis/cache-web-app-howto>

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