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NEW QUESTION: 1

You need to ensure receipt processing occurs correctly.
What should you do?

- A. Use blob properties to prevent concurrency problems
- B. Use blob SnapshotTime to prevent concurrency problems
- C. Use blob metadata to prevent concurrency problems
- D. Use blob leases to prevent concurrency problems

Answer: D (LEAVE A REPLY)

You can create a snapshot of a blob. A snapshot is a read-only version of a blob that's taken at a point in time. Once a snapshot has been created, it can be read, copied, or deleted, but not modified. Snapshots provide a way to back up a blob as it appears at a moment in time.

Scenario: Processing is performed by an Azure Function that uses version 2 of the Azure Function runtime. Once processing is completed, results are stored in Azure Blob Storage and an Azure SQL database. Then, an email summary is sent to the user with a link to the processing report. The link to the report must remain valid if the email is forwarded to another user.

Reference:
<https://docs.microsoft.com/en-us/rest/api/storageservices/creating-a-snapshot-of-a-blob>

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

You are developing a solution that will be deployed to an Azure Kubernetes Service (AKS) cluster. The solution will include a custom VNet, Azure Container Registry images, and an Azure Storage account.

The solution must allow dynamic creation and management of all Azure resources within the AKS cluster.

You need to configure an AKS cluster for use with the Azure APIs.

Solution: Enable the Azure Policy Add-on for Kubernetes to connect the Azure Policy service to the GateKeeper admission controller for the AKS cluster. Apply a built-in policy to the cluster.

Does the solution meet the goal?

- A. Yes
- B. No

Answer: B (LEAVE A REPLY)

Instead create an AKS cluster that supports network policy. Create and apply a network to allow traffic only from within a defined namespace Reference:
<https://docs.microsoft.com/en-us/azure/aks/use-network-policies>

NEW QUESTION: 3

You are preparing to deploy an application to an Azure Kubernetes Service (AKS) cluster.

The application must only be available from within the VNet that includes the cluster.

You need to deploy the application.

How should you complete the deployment YAML? To answer, drag the appropriate YAML segments to the correct locations. Each YAML segment 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.

Code segments

Ingress

Service

LoadBalancer

Deployment

ingress.class

azure-load-balancer-internal

Answer Area

```
apiVersion: v1
kind: Code segment
metadata:
  name: web-app
  annotations:
    service.beta.kubernetes. Code segment : "true"
spec:
  type: Code segment
  ports:
  - port: 80
  selector:
    app: web-app
```

Answer:

Code segments

Ingress

Service

LoadBalancer

Deployment

ingress.class

azure-load-balancer-internal

Answer Area

```
apiVersion: v1
kind: Service
metadata:
  name: web-app
  annotations:
    service.beta.kubernetes.azure-load-balancer-internal: "true"
spec:
  type: LoadBalancer
  ports:
  - port: 80
  selector:
    app: web-app
```

Reference:
<https://docs.microsoft.com/en-us/azure/aks/internal-lb>

NEW QUESTION: 4

You have an application that uses Azure Blob storage.
You need to update the metadata of the blobs.
Which three methods should you use to develop the solution? To answer, move the appropriate methods from the list of methods to the answer area and arrange them in the correct order.

Methods

Metadata.Add

SetMetadataAsync

FetchAttributesAsync

UploadFileStream

SetPropertiesAsync

Answer Area

Answer:

Methods

Metadata.Add

SetMetadataAsync

FetchAttributesAsync

UploadFileStream

SetPropertiesAsync

Answer Area

Metadata.Add

SetMetadataAsync

SetPropertiesAsync

Reference:
<https://docs.microsoft.com/en-us/azure/storage/blobs/storage-blob-properties-metadata>

NEW 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 develop an HTTP triggered Azure Function app to process Azure Storage blob data. 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: Use the Durable Function async pattern to process the blob data.
Does the solution meet the goal?
A. Yes

B. No

Answer: B ([LEAVE A REPLY](#))

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.

Reference:

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

NEW QUESTION: 6

You are developing a project management service by using ASP.NET. The service hosts conversations, files, to-do lists, and a calendar that users can interact with at any time.

The application uses Azure Search for allowing users to search for keywords in the project data.

You need to implement code that creates the object which is used to create indexes in the Azure Search service.

Which two objects should you use? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

A. SearchService

B. SearchIndexClient

C. SearchServiceClient

D. SearchCredentials

Answer: B,C ([LEAVE A REPLY](#))

The various client libraries define classes like Index, Field, and Document, as well as operations like Indexes.Create and Documents.Search on the SearchServiceClient and SearchIndexClient classes.

Example:

The sample application we'll be exploring creates a new index named "hotels", populates it with a few documents, then executes some search queries. Here is the main program, showing the overall flow:

```
/ This sample shows how to delete, create, upload documents and query an index static void Main(string[] args)
```

```
{
```

```
 IConfigurationBuilder builder = new ConfigurationBuilder().AddJsonFile("appsettings.json"); IConfigurationRoot configuration = builder.Build(); SearchServiceClient serviceClient =
```

```
 CreateSearchServiceClient(configuration); Console.WriteLine("{0}", "Deleting index...\n"); DeleteHotelsIndexIfExists(serviceClient); Console.WriteLine("{0}", "Creating index...\n");
```

```
 CreateHotelsIndex(serviceClient); ISearchIndexClient indexClient = serviceClient.Indexes.GetClient("hotels"); Reference:
```

<https://docs.microsoft.com/en-us/azure/search/search-howto-dotnet-sdk>

NEW QUESTION: 7

You need to configure the ContentUploadService deployment.

Which two actions should you perform? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

A. Add the following markup to line CS23:

types: Private

B. Add the following markup to line CS24:

osType: Windows

C. Add the following markup to line CS24:

osType: Linux

D. Add the following markup to line CS23:

types: Public

Answer: A (LEAVE A REPLY)

Scenario: All Internal services must only be accessible from Internal Virtual Networks (VNets) There are three Network Location types - Private, Public and Domain Reference:

<https://devblogs.microsoft.com/powershell/setting-network-location-to-private/>

NEW QUESTION: 8

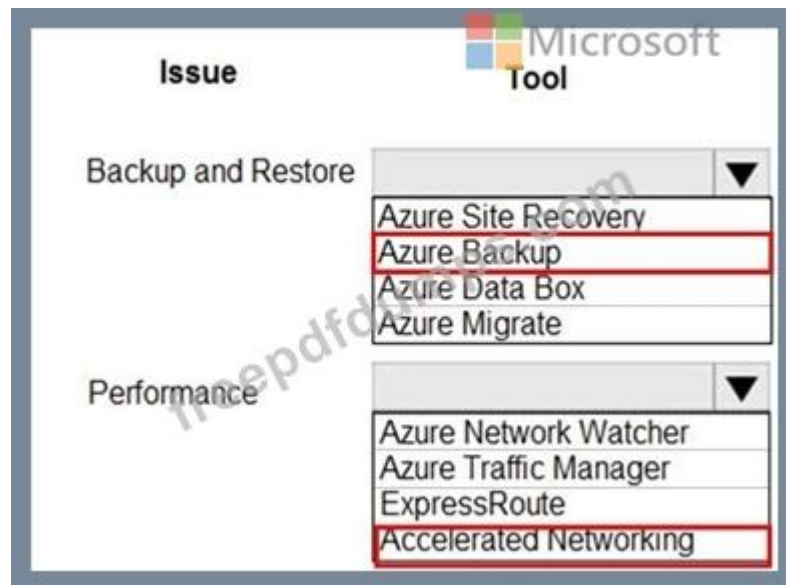
You need to correct the VM issues.

Which tools should you use? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Issue	Tool
 Backup and Restore	Azure Site Recovery Azure Backup Azure Data Box Azure Migrate
Performance	Azure Network Watcher Azure Traffic Manager ExpressRoute Accelerated Networking

Answer:



Reference:

<https://azure.microsoft.com/en-us/blog/an-easy-way-to-bring-back-your-azure-vm-with-in-place-restore/>

NEW QUESTION: 9

You are developing a software solution for an autonomous transportation system. The solution uses large data sets and Azure Batch processing to simulate navigation sets for entire fleets of vehicles.

You need to create compute nodes for the solution on Azure Batch.

What should you do?

- A. In the Azure portal, create a Batch account.
- B. In a .NET method, call the method: `BatchClient.PoolOperations.CreatePool`
- C. In Python, implement the class: `JobAddParameter`
- D. In Python, implement the class: `TaskAddParameter`

Answer: (SHOW ANSWER)

A Batch job is a logical grouping of one or more tasks. A job includes settings common to the tasks, such as priority and the pool to run tasks on. The app uses the `BatchClient.JobOperations.CreateJob` method to create a job on your pool.

Incorrect Answers:

C, D: To create a Batch pool in Python, the app uses the `PoolAddParameter` class to set the number of nodes, VM size, and a pool configuration.

Reference:

<https://docs.microsoft.com/en-us/azure/batch/quick-run-dotnet>

<https://docs.microsoft.com/en-us/azure/batch/quick-run-python>

NEW QUESTION: 10

You are developing a web service that will run on Azure virtual machines that use Azure Storage. You configure all virtual machines to use managed identities.

You have the following requirements:

Secret-based authentication mechanisms are not permitted for accessing an Azure Storage account.

Must use only Azure Instance Metadata Service endpoints.

You need to write code to retrieve an access token to access Azure Storage. To answer, drag the appropriate code segments to the correct locations. Each code segment may be used 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.

Code segment 1

`http://localhost:50342/oauth2/token`

`http://169.254.169.254:50432/oauth2/token`

`http://localhost/metadata/identity/oauth2/token`

`http://169.254.169.254/metadata/identity/oauth2/token`

Code segment 2

`XDocument.Parse(payload);`

`new MultipartContent(payload);`

`new NetworkCredential("Azure", payload);`

`JsonConvert.DeserializeObject<Dictionary<string, string>>(payload);`

Answer Area

`var url = " Code segment 1 " ;`

`var queryString = "...";
var client = new HttpClient();
var response = await client.GetAsync(url + queryString);
var payload = await response.Content.ReadAsStringAsync();`

`return Code segment 2`



Answer:

Code segment 1

`http://localhost:50342/oauth2/token`

`http://169.254.169.254:50432/oauth2/token`

`http://localhost/metadata/identity/oauth2/token`

`http://169.254.169.254/metadata/identity/oauth2/token`

Code segment 2

`XDocument.Parse(payload);`

`new MultipartContent(payload);`

`new NetworkCredential("Azure", payload);`

`JsonConvert.DeserializeObject<Dictionary<string, string>>(payload);`

Answer Area

```
var url = "http://169.254.169.254/metadata/identity/oauth2/token" ;  
var queryString = "...";  
var client = new HttpClient();  
var response = await client.GetAsync(url + queryString);  
var payload = await response.Content.ReadAsStringAsync();  
return JsonConvert.DeserializeObject<Dictionary<string, string>>(payload);
```



Reference:

<https://docs.microsoft.com/en-us/azure/active-directory/managed-identities-azure-resources/how-to-use-vm-token>

<https://docs.microsoft.com/en-us/azure/service-fabric/how-to-managed-identity-service-fabric-app-code>

NEW QUESTION: 11

You develop a news and blog content delivery app for Windows devices.

A notification must arrive on a user's device when there is a new article available for them to view.

You need to implement push notifications.

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

NOTE: Each correct selection is worth one point.

Answer Area

```
string notificationHubName = "contoso_hub";  
string notificationHubConnection = "connection_string";
```

	▼	hub=
NotificationHubClient		
NotificationHubClientSettings		
NotificationHubJob		
NotificationDetails		

	▼	.		▼
NotificationHubClient			GetInstallation	
NotificationHubClientSettings			CreateClientFromConnectionString	
NotificationHubJob			CreateOrUpdateInstallation	
NotificationDetails			PatchInstallation	

```
(notificationHubConnection, notificationHubName);  
string windowsToastPayload =  
@"<toast><visual><binding template=""ToastText01""><text id=""1"">" +  
@"New item to view" + @"</text></binding></visual></toast>";
```

```
try  
{  
    var result =  
        await hub.  
            (windowsToastPayload);
```

	▼
SendWindowsNativeNotificationAsync	
SubmitNotificationHubJobAsync	
ScheduleNotificationAsync	
SendAppleNativeNotificationAsync	

```
. . .  
}  
catch (System.Exception ex)  
{  
    . . .  
}  
. . .
```

Answer:

Answer Area

```
string notificationHubName = "contoso_hub";  
string notificationHubConnection = "connection_string";
```

▼	hub=
NotificationHubClient	
NotificationHubClientSettings	
NotificationHubJob	
NotificationDetails	

▼	▼
NotificationHubClient	GetInstallation
NotificationHubClientSettings	CreateClientFromConnectionString
NotificationHubJob	CreateOrUpdateInstallation
NotificationDetails	PatchInstallation

```
(notificationHubConnection, notificationHubName);  
string windowsToastPayload =  
@"<toast><visual><binding template=""ToastText01""><text id=""1"">"+  
@"New item to view" + @"</text></binding></visual></toast>";  
try  
{  
    var result =  
        await hub.  
            (windowsToastPayload);  
    . . .  
}  
catch (System.Exception ex)  
{  
    . . .  
}  
. . .
```



Reference:

<https://docs.microsoft.com/en-us/azure/notification-hubs/notification-hubs-push-notification-registration-management>

<https://github.com/MicrosoftDocs/azure-docs/blob/master/articles/app-service-mobile/app-service-mobile-windows-store-dotnet-get-started-push.md>

NEW QUESTION: 12

You need to add markup at line AM04 to implement the ContentReview role.

How should you complete the markup? To answer, drag the appropriate json segments to the correct locations. Each json segment 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.

Json segments

User

value

role

Application

allowedMemberTypes

allowedAccountTypes

Answer Area

```

"appRoles" : [
{
  "value": [
    "
  ],
  "displayName": "ContentReviewer",
  "id": "e1c2ade8-98f8-45fd-aa4a-6d24b512c22a",
  "isEnabled" : true,
  "value" : "ContentReviewer"
}
],

```

Answer:

Json segments

User

value

role

Application

allowedMemberTypes

allowedAccountTypes

Answer Area

```

"appRoles" : [
{
  "allowedMemberTypes": [
    "User"
  ],
  "displayName": "ContentReviewer",
  "id": "e1c2ade8-98f8-45fd-aa4a-6d24b512c22a",
  "isEnabled" : true,
  "value" : "ContentReviewer"
}
],

```

Reference:

<https://docs.microsoft.com/en-us/graph/api/resources/approle>

NEW QUESTION: 13

You are developing an application that uses a premium block blob storage account. You are optimizing costs by automating Azure Blob Storage access tiers.

You apply the following policy rules to the storage account. You must determine the implications of applying the rules to the data. (Line numbers are included for reference only.)

```

01 {
02   "rules":
03   {
04     "name": "agingDataRule",
05     "enabled": true,
06     "type": "Lifecycle",

```

Answer Area

	Yes	No
Block blobs prefixed with container1/salesorders or container2/inventory which have not been modified in over 60 days are moved to cool storage. Blobs that have not been modified in 120 days are moved to the archive tier.	☐	☐
Blobs are moved to cool storage if they have not been accessed for 30 days.	☐	☒
Blobs will automatically be tiered from cool back to hot if accessed again after being tiered to cool.	☐	☐
All block blobs older than 730 days will be deleted.	☐	☐

Answer:

Answer Area

	Yes	No
Block blobs prefixed with container1/salesorders or container2/inventory which have not been modified in over 60 days are moved to cool storage. Blobs that have not been modified in 120 days are moved to the archive tier.	☒	☐
Blobs are moved to cool storage if they have not been accessed for 30 days.	☐	☒
Blobs will automatically be tiered from cool back to hot if accessed again after being tiered to cool.	☒	☐
All block blobs older than 730 days will be deleted.	☒	☐

NEW QUESTION: 14

A company is developing a solution that allows smart refrigerators to send temperature information to a central location. You have an existing Service Bus.

The solution must receive and store messages until they can be processed. You create an Azure Service Bus instance by providing a name, pricing tier, subscription, resource group, and location.

You need to complete the configuration.

Which Azure CLI or PowerShell command should you run?

```

1. az servicebus namespace create
   - --resource-group fridge-rg
   - --name fridge-ns
   - --location fridge-loc

3. az servicebus queue create
   --resource-group fridge-rg
   --namespace-name fridge-ns
   --name fridge-q

2. connectionString=$(az servicebus namespace authorization-rule keys list
   --resource-group fridge-rg
   --fridge-ns fridge-ns
   --name RootManageSharedAccessKey
   --query primaryConnectionString --output tsv)

0. az group create
   --name fridge-rg
   --location fridge-log

```

- A. Option A
- B. Option B
- C. Option C
- D. Option D

Answer: B (LEAVE A REPLY)

A service bus instance has already been created (Step 2 below). Next is step 3, Create a Service Bus queue.

Note:

Steps:

Step 1: # Create a resource group

resourceGroupName="myResourceGroup"

az group create --name \$resourceGroupName --location eastus

Step 2: # Create a Service Bus messaging namespace with a unique name

namespaceName=myNameSpace\$RANDOM

az servicebus namespace create --resource-group \$resourceGroupName --name \$namespaceName --location eastus Step 3: # Create a Service Bus queue az servicebus queue create --

resource-group \$resourceGroupName --namespace-name \$namespaceName --name BasicQueue Step 4: # Get the connection string for the namespace connectionString=\$(az servicebus namespace authorization-rule keys list --resource-group \$resourceGroupName --namespace-name \$namespaceName --name RootManageSharedAccessKey --query primaryConnectionString --output tsv) Reference:

<https://docs.microsoft.com/en-us/azure/service-bus-messaging/service-bus-quickstart-cli>

NEW QUESTION: 15

You are developing an Azure solution.

You need to develop code to access a secret stored in Azure Key Vault.

How should you complete the code segment? To answer, drag the appropriate code segments to the correct locations. Each code segment 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.

Code segments

DefaultAzureCredential

ClientSecretCredential

CloudClients

SecretClient

Answer Area

```
string var1 = Environment.GetEnvironmentVariable("KEY_VAULT_URI");  
var var2 = new Code segment ( new Uri(var1), new Code segment ());
```



Answer:

Code segments

DefaultAzureCredential

ClientSecretCredential

CloudClients

SecretClient

Answer Area

```
string var1 = Environment.GetEnvironmentVariable("KEY_VAULT_URI");  
var var2 = new SecretClient ( new Uri(var1), new DefaultAzureCredential ());
```

Reference:

<https://docs.microsoft.com/en-us/azure/key-vault/secrets/quick-create-net>

NEW QUESTION: 16

You are creating a script that will run a large workload on an Azure Batch pool. Resources will be reused and do not need to be cleaned up after use.

You have the following parameters:

Parameter name	Description
\$script	the script that will run across the batch pool
\$image	the image that pool worker processes will use
\$sku	the node agent SKU Id
\$numberOfJobs	the number of jobs to run

You need to write an Azure CLI script that will create the jobs, tasks, and the pool.

In which order should you arrange the commands to develop the solution? To answer, move the appropriate commands from the list of command segments to the answer area and arrange them in the correct order.

Command segments

```
az batch pool create
--id mypool --vm-size Standard_A1_v2
--target-dedicated-nodes 2
--image $image
--node-agent-sku-id $sku
```

```
az batch job
create
--id myjob
--pool-id mypool
```

```
for i in {1..$numberOfJobs}
do
```

```
az batch task create
--task-id mytask$i
--job-id myjob
--command-line $script
```

Answer:

Answer Area

az batch pool create,,,,,

az batch job create,,,,,

az batch task create,,,,,

for i in {1..\$numberOfJobs} do

1 - az batch pool create,,,,,

2 - az batch job create,,,,,

3 - az batch task create,,,,,

4 - for i in {1..\$numberOfJobs} do

Reference:

<https://docs.microsoft.com/bs-latn-ba/azure/batch/scripts/batch-cli-sample-run-job>

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NEW QUESTION: 17

You manage a data processing application that receives requests from an Azure Storage queue.
You need to manage access to the queue. You have the following requirements:
Provide other applications access to the Azure queue.
Ensure that you can revoke access to the queue without having to regenerate the storage account keys.
Specify access at the queue level and not at the storage account level.
Which type of shared access signature (SAS) should you use?

- A. Service SAS with a stored access policy
- B. Account SAS
- C. User Delegation SAS
- D. Service SAS with ad hoc SAS

Answer: (SHOW ANSWER)

A service SAS is secured with the storage account key. A service SAS delegates access to a resource in only one of the Azure Storage services: Blob storage, Queue storage, Table storage, or Azure Files.
Stored access policies give you the option to revoke permissions for a service SAS without having to regenerate the storage account keys.
Reference:
<https://docs.microsoft.com/en-us/azure/storage/common/storage-sas-overview>

NEW QUESTION: 18

You must ensure that the external party cannot access the data in the SSN column of the Person table.
Will each protection method meet the requirement? To answer, drag the appropriate responses to the correct protection methods. Each response 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.

Responses	Protection method	Response
☒ Yes	Enable AlwaysOn encryption.	☒
☐ No	Set the column encryption setting to disabled.	☐
	Assign users to the Public fixed database role.	☐
	Store column encryption keys in the system catalog view in the database.	☐

Answer:

Responses	Protection method	Response
☒ Yes	Enable AlwaysOn encryption	☐ Yes
☒ No	Set the column encryption setting to disabled.	☐ No
	Assign users to the Public fixed database role.	☐ Yes
	Store column encryption keys in the system catalog view in the database.	☐ No

Reference:

<https://docs.microsoft.com/en-us/sql/relational-databases/security/encryption/always-encrypted-database-engine>

NEW QUESTION: 19

You develop a solution that uses Azure Virtual Machines (VMs).

The VMs contain code that must access resources in an Azure resource group. You grant the VM access to the resource group in Resource Manager.

You need to obtain an access token that uses the VMs system-assigned managed identity.

Which two actions should you perform? Each correct answer presents part of the solution.

- A. From the code on the VM, generate a user delegation SAS token.
- B. Use PowerShell on a remote machine to make a request to the local managed identity for Azure resources endpoint.
- C. From the code on the VM, call Azure Resource Manager using a SAS token.
- D. From the code on the VM, call Azure Resource Manager using an access token.
- E. Use PowerShell on the VM to make a request to the local managed identity for Azure resources endpoint.

Answer: D,E ([LEAVE A REPLY](#))

NEW QUESTION: 20

You are developing an ASP.NET Core website that can be used to manage photographs which are stored in Azure Blob Storage containers.

Users of the website authenticate by using their Azure Active Directory (Azure AD) credentials.

You implement role-based access control (RBAC) role permissions on the containers that store photographs. You assign users to RBAC roles.

You need to configure the website's Azure AD Application so that user's permissions can be used with the Azure Blob containers.

How should you configure the application? To answer, drag the appropriate setting to the correct location. Each setting can 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.

Settings

client_id

profile

delegated

application

user_impersonation

Answer Area

Microsoft

API

Azure Storage

Microsoft Graph

Permission

Setting

User.Read

Type

Setting

Setting

Answer:

Settings

client_id

profile

delegated

application

user_impersonation

Answer Area

Microsoft

API

Azure Storage

Microsoft Graph

Permission

user_impersonation

User.Read

Type

delegated

delegated

Reference:

<https://docs.microsoft.com/en-us/samples/azure-samples/active-directory-dotnet-webapp-webapi-openidconnect-aspnetcore/calling-a-web-api-in-an-aspnet-core-web-application-using-azure-ad/>

NEW QUESTION: 21

You are creating an app that will use CosmosDB for data storage. The app will process batches of relational data.

You need to select an API for the app.

Which API should you use?

A. MongoDBAPI

B. Table API

C. SQL API

D. Cassandra API

Answer: ([SHOW ANSWER](#))

For relational data you will need the SQL API

Reference:

<https://docs.microsoft.com/en-us/azure/cosmos-db/choose-api>

NEW QUESTION: 22

You are developing an internal website for employees to view sensitive data. The website uses Azure Active Directory (AAD) for authentication. You need to implement multifactor authentication for the website.

What should you do? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. In Azure AD, create a new conditional access policy.
- B. In Azure AD, enable application proxy.
- C. Configure the website to use Azure AD B2C.
- D. In Azure AD conditional access, enable the baseline policy.
- E. Upgrade to Azure AD Premium.

Answer: A,E (LEAVE A REPLY)

Reference:

<https://docs.microsoft.com/en-us/azure/active-directory/authentication/howto-mfa-getstarted>

NEW QUESTION: 23

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 develop and deploy an Azure App Service API app to a Windows-hosted deployment slot named Development. You create additional deployment slots named Testing and Production. You enable auto swap on the Production deployment slot.

You need to ensure that scripts run and resources are available before a swap operation occurs.

Solution: Enable auto swap for the Testing slot. Deploy the app to the Testing slot.

Does the solution meet the goal?

- A. Yes
- B. No

Answer: B (LEAVE A REPLY)

Instead update the web.config file to include the applicationInitialization configuration element. Specify custom initialization actions to run the scripts.

Note: Some apps might require custom warm-up actions before the swap. The applicationInitialization configuration element in web.config lets you specify custom initialization actions. The swap operation waits for this custom warm-up to finish before swapping with the target slot. Here's a sample web.config fragment.

```
<system.webServer>
  <applicationInitialization>
    <add initializationPage="/" hostname="[app hostname]" />
    <add initializationPage="/Home/About" hostname="[app hostname]" />
  </applicationInitialization>
</system.webServer>
```

Reference:

<https://docs.microsoft.com/en-us/azure/app-service/deploy-staging-slots#troubleshoot-swaps>

NEW QUESTION: 24

A company uses Azure SQL Database to store data for an app. The data includes sensitive information.

You need to implement measures that allow only members of the managers group to see sensitive information.

Which two actions should you perform? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

A. Include the managers group.

B. Exclude the managers group.

C. Exclude the administrators group.

D. Navigate to the following URL:

```
PUT https://management.azure.com/subscriptions/00000000-1111-2222-3333-444444444444
/resourceGroups/rg01/providers/Microsoft.Sql/servers/server01/databases/customers
/transparentDataEncryption/current?api-version=2014-04-01
```

E. Run the following Azure PowerShell command:

```
New-AzureRmSqlDatabaseDataMaskingRule -SchemaName "dbo" -TableName "customers" `
-ColumnName "ssn" -MaskingFunction "Default"
```

A. Option A

B. Option B

C. Option C

D. Option D

E. Option E

Answer: B,E (LEAVE A REPLY)

Dynamic data masking helps prevent unauthorized access to sensitive data by enabling customers to designate how much of the sensitive data to reveal with minimal impact on the application layer.

SQL users excluded from masking - A set of SQL users or AAD identities that get unmasked data in the SQL query results.

Note: The New-AzureRmSqlDatabaseDataMaskingRule cmdlet creates a data masking rule for an Azure SQL database.

Reference:

<https://docs.microsoft.com/en-us/powershell/module/azurerm.sql/new-azurermsqldatabasedatamaskingrule?view=azurermps-6.13.0>

NEW QUESTION: 25

You develop and deploy an Azure App Service web app. The app is deployed to multiple regions and uses Azure Traffic Manager. Application Insights is enabled for the app.

You need to analyze app uptime for each month.

Which two solutions will achieve the goal? Each correct answer presents a complete solution NOTE: Each correct selection is worth one point

A. Application Insights alerts

B. Application Insights web tests

C. Azure Monitor logs

D. Azure Monitor metrics

Answer: A,B (LEAVE A REPLY)

Reference:

<https://azure.microsoft.com/en-us/blog/creating-a-web-test-alert-programmatically-with-application-insights/>

NEW QUESTION: 26

You are developing an Azure messaging solution.

You need to ensure that the solution that meets the following requirements:

- * Provide transactional support
- * Provide duplicate detection.
- * Store the messages for an unlimited period of time

Which two technologies will meet the requirements? Each correct answer presents a complete solution NOTE Each correct selection is worth one point.

- A.** Azure Service Bus Queue
- B.** Azure Storage Queue
- C.** Azure Service Bus Topic

Answer: A,C (LEAVE A REPLY)

D Azure Event Hub

Explanation:

The Azure Service Bus Queue and Topic has duplicate detection.

Enabling duplicate detection helps keep track of the application-controlled MessageId of all messages sent into a queue or topic during a specified time window.

Reference:

<https://docs.microsoft.com/en-us/azure/service-bus-messaging/duplicate-detection>

NEW QUESTION: 27

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 are developing an Azure Service application that processes queue data when it receives a message from a mobile application. Messages may not be sent to the service consistently.

You have the following requirements:

- Queue size must not grow larger than 80 gigabytes (GB).
- Use first-in-first-out (FIFO) ordering of messages.
- Minimize Azure costs.

You need to implement the messaging solution.

Solution: Use the .Net API to add a message to an Azure Service Bus Queue from the mobile application. Create an Azure Function App that uses an Azure Service Bus Queue trigger.

Does the solution meet the goal?

- A.** Yes
- B.** No

Answer: A (LEAVE A REPLY)

You can create a function that is triggered when messages are submitted to an Azure Storage queue.

Reference:

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

NEW QUESTION: 28

You develop and deploy an Azure App Service web app to a production environment. You enable the Always On setting and the Application Insights site extensions. You deploy a code update and receive multiple failed requests and exceptions in the web app. You need to validate the performance and failure counts of the web app in near real time. Which Application Insights tool should you use?

- A.** Application Map
- B.** Live Metrics Stream
- C.** Profiler

- D. Snapshot Debugger
- E. Smart Detection

Answer: E (LEAVE A REPLY)

NEW QUESTION: 29

You are developing an ASP.NET Core app that includes feature flags which are managed by Azure App Configuration. You create an Azure App Configuration store named AppreaiureflagStore as shown in the exhibit:

Key	Label	State	Description	Last modified
Export	Export	Off On	Ability to export data.	6/11/2020, 9:13:26 ...

You must be able to use the feature in the app by using the following markup:

```
<feature name="Export">
  <li class="nav-item">
    <a class="nav-link text-dark" asp-area="" asp-controller="Home" asp-action="Export">Export Data</a>
  </li>
</feature>
```

You went to update the app to use the feature flag.
Which values should you use? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

Answer Area

Code section

Controller attribute

Startup method

AppConfig endpoint setting

Value

FeatureGate

Route

ServiceFilter

TypeFilter

AddAzureAppConfiguration

AddControllersWithViews

AddUserSecrets

https://appfeatureflagstore.azconfig.io

https://appfeatureflagstore.vault.azure.net

https://export.azconfig.io

https://export.vault.azure.net

Answer:

Answer Area



Code section

Controller attribute

Startup method

AppConfig endpoint setting

Value

FeatureGate
Route
ServiceFilter
TypeFilter
AddAzureAppConfiguration
AddControllersWithViews
AddUserSecrets
https://appfeatureflagstore.azureconfig.io
https://appfeatureflagstore.vault.azure.net
https://export.azureconfig.io
https://export.vault.azure.net

NEW QUESTION: 30

A company runs an international travel and bookings management service. The company plans to begin offering restaurant bookings. You must develop a solution that uses Azure Search and meets the following requirements:

- * Users must be able to search for restaurants by name, description, location, and cuisine.
- * Users must be able to narrow the results further by location, cuisine, rating, and family-friendliness.
- * All words in descriptions must be included in searches.

You need to add annotations to the restaurant class.

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

NOTE: Each correct selection is worth one point.

```

[SerializePropertyNameAsCamelCase]
public class Restaurant
{
    [Key, IsFilterable]
    public int RestaurantId { get; set; }
    [IsSearchable, IsFilterable, IsSortable]
    public string Name { get; set; }

    [IsSearchable.IsFilterable.IsSortable, IsFacetable]
    [IsFilterable.IsFacetable, Required]
    [IsSearchable]
    [IsSearchable, Required]
    public string location { get; set; }
    public string Phone { get; set; }

    [Required]
    [IsSearchable]
    [IsFilterable, IsFacetable, Required]
    [IsFilterable, IsFacetable, IsSortable]
    public string Description { get; set; }

    [IsFilterable, IsSortable, IsSearchable]
    [IsFilterable, IsSortable, IsFacetable]
    [IsFilterable, IsSortable, Key]
    [IsFilterable, IsSortable, IsSearchable, Required]
    public double Rating { get; set; }

    [IsSearchable, IsFilterable, IsFacetable]
    [IsFilterable, IsSortable, Key]
    [IsFilterable, IsSortable, IsSearchable]
    [IsFilterable, IsSortable, Key, Required]
    public List<string> Cuisines { get; set; }

    [IsFilterable, IsSortable, Key, Required]
    [IsSearchable, IsSortable, IsFacetable]
    [IsFilterable, IsSortable, Key, IsSearchable]
    [IsFilterable, IsFacetable]
    public bool FamilyFriendly { get; set; }
}

```

Answer:

[Serializable, PropertyNameAsCamelCase]

public class Restaurant

{

[Key, IsFilterable]

public int RestaurantId { get; set; }

[IsSearchable, IsFilterable, IsSortable]

public string Name { get; set; }

▼

[IsSearchable, IsFilterable, IsSortable, IsFacetable]

[IsFilterable, IsFacetable, Required]

[IsSearchable]

[IsSearchable, Required]

public string location { get; set; }

public string Phone { get; set; }

▼

[Required]

[IsSearchable]

[IsFilterable, IsFacetable, Required]

[IsFilterable, IsFacetable, IsSortable]

public string Description { get; set; }

▼

[IsFilterable, IsSortable, IsSearchable]

[IsFilterable, IsSortable, IsFacetable]

[IsFilterable, IsSortable, Key]

[IsFilterable, IsSortable, IsSearchable, Required]

public double Rating { get; set; }

▼

[IsSearchable, IsFilterable, IsFacetable]

[IsFilterable, IsSortable, Key]

[IsFilterable, IsSortable, IsSearchable]

[IsFilterable, IsSortable, Key, Required]

public List<string> Cuisines { get; set; }

▼

[IsFilterable, IsSortable, Key, Required]

[IsSearchable, IsSortable, IsFacetable]

[IsFilterable, IsSortable, Key, IsSearchable]

[IsFilterable, IsFacetable]

public bool FamilyFriendly { get; set; }

Reference:

<https://www.henkboelman.com/azure-search-the-basics/>

NEW QUESTION: 31

A company develops a series of mobile games. All games use a single leaderboard service.

You have the following requirements:

- * Code should be scalable and allow for growth.
- * Each record must consist of a gameId, playerId, score, and time played.
- * When users reach a new high score, the system will save the new score using the SaveScore function below.
- * Each game is assigned an Id based on the series title.

You have the following code. (Line numbers are included for reference only.)

```
01 public void SaveScore(string gameId, string playerId, int score, long timePlayed)
02 {
03     CloudStorageAccount storageAccount = CloudStorageAccount.Parse(connectionString);
04     CloudTableClient tableClient = storageAccount.CreateCloudTableClient();
05     CloudTable table = tableClient.GetTableReference("scoreTable");
06     table.CreateIfNotExists();
07     var scoreRecord = new PlayerScore(gameId, playerId, score, timePlayed);
08     TableOperation insertOperation = TableOperation.Insert(scoreRecord);
09     table.Execute(insertOperation);
10 }
11 public class PlayerScore : TableEntity
12 {
13     public PlayerScore(string gameId, string playerId, int score, long timePlayed)
14     {
15         this.PartitionKey = gameId;
16         this.RowKey = playerId;
17         Score = score;
18         TimePlayed = timePlayed;
19     }
20     public int Score { get; set; }
21     public long TimePlayed { get; set; }
22 }
```

You store customer information in an Azure Cosmos database. The following data already exists in the database:

PartitionKey	RowKey	Email
Harp	Walter	wharp@contoso.com
Smith	Steve	ssmith@contoso.com
Smith	Jeff	jsmith@contoso.com

```

01 CloudTableClient tableClient = account.CreateCloudTableClient();
02 CloudTable table = tableClient.GetTableReference("people");
03 TableQuery<CustomerEntity> query = new TableQuery<CustomerEntity>()
04     .Where(TableQuery.CombineFilters(
05         TableQuery.Generate.And, TableQuery.GenerateFilterCondition(Email, QueryComparisons.Equal, "Smith"),
06         TableOperator.And, TableQuery.GenerateFilterCondition(Email, QueryComparisons.Equal,
07             "ssmith@contoso.com")
08     ));
08 await table.ExecuteQuerySegmentedAsync<CustomerEntity>(query, null);

```

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

	Yes	No
The code will work with Cosmos DB.	☐	☐
The save score function will update and replace a record if one already exists with the same playerId and gameId.	☐	☐
The data for the game will be automatically partitioned.	☐	☐
This code will store the values for the gameId and playerId parameters in the database.	☐	☐

Answer:

	Yes	No
The code will work with Cosmos DB.	☒	☐
The save score function will update and replace a record if one already exists with the same playerId and gameId.	☐	☒
The data for the game will be automatically partitioned.	☐	☒
This code will store the values for the gameId and playerId parameters in the database.	☒	☐

Reference:

<https://docs.microsoft.com/en-us/azure/cosmos-db/table-storage-how-to-use-dotnet>

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NEW QUESTION: 32

You develop Azure solutions.

A .NET application needs to receive a message each time an Azure virtual machine finishes processing data. The messages must NOT persist after being processed by the receiving application.

You need to implement the .NET object that will receive the messages.
Which object should you use?

- A. QueueClient
- B. SubscriptionClient
- C. TopicClient
- D. CloudQueueClient

Answer: (SHOW ANSWER)

A queue allows processing of a message by a single consumer. Need a CloudQueueClient to access the Azure VM.

Reference:

<https://docs.microsoft.com/en-us/azure/service-bus-messaging/service-bus-queues-topics-subscriptions>

NEW QUESTION: 33

You plan to create a Docker image that runs an ASP.NET Core application named ContosoApp. You have a setup script named setupScript.ps1 and a series of application files including ContosoApp.dll.

You need to create a Dockerfile document that meets the following requirements:

Call setupScripts.ps1 when the container is built.

Run ContosoApp.dll when the container starts.

The Dockerfile document must be created in the same folder where ContosoApp.dll and setupScript.ps1 are stored.

Which five commands should you use to develop the solution? To answer, move the appropriate commands from the list of commands to the answer area and arrange them in the correct order.

Commands

- FROM microsoft/aspnetcore:latest
- WORKDIR /apps/ContosoApp
- CMD ["dotnet", "ContosoApp.dll"]
- COPY ./ .
- RUN powershell ./setupScript.ps1

Answer Area

Answer:

Commands	Answer Area
FROM microsoft/aspnetcore:latest	CMD ["dotnet", "ContosoApp.dll"]
WORKDIR /apps/ContosoApp	FROM microsoft/aspnetcore:latest
CMD ["dotnet", "ContosoApp.dll"]	WORKDIR /apps/ContosoApp
COPY ./ .	COPY ./ .
RUN powershell ./setupScript.ps1	RUN powershell ./setupScript.ps1

NEW QUESTION: 34

You need to correct the Azure Logic app error message.

Which configuration values should you use? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Setting	Value
authentication level	anonymous function admin
managed identity	system-assigned user-assigned

Answer:

Setting	Value
authentication level	anonymous function admin
managed identity	system-assigned user-assigned

Reference:

<https://docs.microsoft.com/en-us/azure/logic-apps/create-managed-service-identity>

NEW QUESTION: 35

A company is developing a mobile app for field service employees using Azure App Service Mobile Apps as the backend.

The company's network connectivity varies throughout the day. The solution must support offline use and synchronize changes in the background when the app is online app.

You need to implement the solution.

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

NOTE: Each correct selection is worth one point.

```
var client = new MobileServiceClient("MOBILE_APP_URL");
var store = new MobileServiceSQLiteStore
(Constants.OfflineDbPath);
store.DefineTable<TodoItem>();
await client.SyncContext.InitializeAsync(store);
```

```
var todoTable = client.GetSyncTable<TodoItem>();
var todoTable = client.GetTable<TodoItem>();
var todoTable = client.SyncTable;
var todoTable = client.Table;

await client.SyncContext.PushAsync();
```

```
await todoTable.PullAsync("allTodoItems",todoTable.CreateQuery());
await todoTable.UpdateAsync();
todoTable.PullAsync("allTodoItems", todoTable.CreateQuery());
todoTable.UpdateAsync();
```

Answer:

```
var client = new MobileServiceClient("MOBILE_APP_URL");
var store = new MobileServiceSQLiteStore
(Constants.OfflineDbPath);
store.DefineTable<TodoItem>();
await client.SyncContext.InitializeAsync(store);
```

```
var todoTable = client.GetSyncTable<TodoItem>();
var todoTable = client.GetTable<TodoItem>();
var todoTable = client.SyncTable;
var todoTable = client.Table;
```

```
await client.SyncContext.PushAsync();
```

```
await todoTable.PullAsync("allTodoItems",todoTable.CreateQuery());
await todoTable.UpdateAsync();
todoTable.PullAsync("allTodoItems", todoTable.CreateQuery());
todoTable.UpdateAsync();
```

Reference:

<https://azure.microsoft.com/es-es/blog/offline-sync-for-mobile-services/>

NEW QUESTION: 36

You need to add code at line EG15 in EventGridController.cs to ensure that the Log policy applies to all services.

How should you complete the code? To answer, drag the appropriate code segments to the correct locations. Each code segment 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.

Code segments	Answer Area
topic	<pre>if { @event["data"]["code segment"].ToString() == "code segment" && @event["data"]["code segment"].ToString() == "Microsoft.Web/sites/write" }</pre> 
status	
eventType	
Succeeded	
operationName	
resourceProvider	

Answer:

Code segments	Answer Area
topic	<pre>if { @event["data"]["status"].ToString() == "Succeeded" && @event["data"]["operationName"].ToString() == "Microsoft.Web/sites/write" }</pre> 
status	
eventType	
Succeeded	
operationName	
resourceProvider	

Reference:

<https://docs.microsoft.com/en-us/azure/role-based-access-control/resource-provider-operations>

NEW QUESTION: 37

You are developing an application that uses Azure Blob storage.

The application must read the transaction logs of all the changes that occur to the blobs and the blob metadata in the storage account for auditing purposes. The changes must be in the order in which they occurred, include only create, update, delete, and copy operations and be retained for compliance reasons.

You need to process the transaction logs asynchronously.

What should you do?

- A. Process all Azure Blob storage events by using Azure Event Grid with a subscriber Azure Function app.
- B. Enable the change feed on the storage account and process all changes for available events.
- C. Process all Azure Storage Analytics logs for successful blob events.
- D. Use the Azure Monitor HTTP Data Collector API and scan the request body for successful blob events.

Answer: ([SHOW ANSWER](#))

Change feed support in Azure Blob Storage

The purpose of the change feed is to provide transaction logs of all the changes that occur to the blobs and the blob metadata in your storage account. The change feed provides ordered, guaranteed, durable, immutable, read-only log of these changes. Client applications can read these logs at any time, either in streaming or in batch mode. The change feed enables you to build efficient and scalable solutions that process change events that occur in your Blob Storage account at a low cost.

Reference:

<https://docs.microsoft.com/en-us/azure/storage/blobs/storage-blob-change-feed>

NEW QUESTION: 38

You develop an Azure web app. You monitor performance of the web app by using Application Insights. You need to ensure the cost for Application Insights does not exceed a preset budget. What should you do?

- A. Implement ingestion sampling using the Azure portal.
- B. Set a daily cap for the Application Insights instance.
- C. Implement adaptive sampling using the Azure portal.
- D. Implement adaptive sampling using the Application Insights SDK.
- E. Implement ingestion sampling using the Application Insights SDK.

Answer: D ([LEAVE A REPLY](#))

Sampling is an effective way to reduce charges and stay within your monthly quota.

You can set sampling manually, either in the portal on the Usage and estimated costs page; or in the ASP.NET SDK in the .config file; or in the Java SDK in the ApplicationInsights.xml file, to also reduce the network traffic.

Adaptive sampling is the default for the ASP.NET SDK. Adaptive sampling automatically adjusts to the volume of telemetry that your app sends. It operates automatically in the SDK in your web app so that telemetry traffic on the network is reduced.

Reference:

<https://docs.microsoft.com/en-us/azure/azure-monitor/app/sampling>

NEW QUESTION: 39

You are using Azure Front Door Service.

You are expecting inbound files to be compressed by using Brotli compression. You discover that inbound XML files are not compressed. The files are 9 megabytes (MB) in size.

You need to determine the root cause for the issue.

To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Statement	Yes	No
The file MIME type is supported by the service.	☐	☐
Edge nodes must be purged of all cache assets.	☐	☐
The compression type is supported.	☐	☐

Answer:

Statement	Yes	No
The file MIME type is supported by the service.	☐	☒
Edge nodes must be purged of all cache assets.	☐	☒
The compression type is supported.	☒	☐

Reference:

<https://docs.microsoft.com/en-us/azure/frontdoor/front-door-caching>

NEW QUESTION: 40

You are developing a web application that uses the Microsoft identity platform to authenticate users and resources. The web application calls several REST APIs.

The APIs require an access token from the Microsoft identity platform.

You need to request a token.

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

NOTE: Each correct selection is worth one point.

- A. Supported account type
- B. Application secret
- C. Application ID
- D. Application name
- E. Redirect URI/URL

Answer: B,C,E ([LEAVE A REPLY](#))

NEW QUESTION: 41

You need to resolve the log capacity issue.

What should you do?

- A.** Create an Application Insights Telemetry Filter
- B.** Change the minimum log level in the host.json file for the function
- C.** Implement Application Insights Sampling
- D.** Set a LogCategoryFilter during startup

Answer: C ([LEAVE A REPLY](#))

Scenario, the log capacity issue: Developers report that the number of log message in the trace output for the processor is too high, resulting in lost log messages.

Sampling is a feature in Azure Application Insights. It is the recommended way to reduce telemetry traffic and storage, while preserving a statistically correct analysis of application data. The filter selects items that are related, so that you can navigate between items when you are doing diagnostic investigations. When metric counts are presented to you in the portal, they are renormalized to take account of the sampling, to minimize any effect on the statistics.

Sampling reduces traffic and data costs, and helps you avoid throttling.

Reference:

<https://docs.microsoft.com/en-us/azure/azure-monitor/app/sampling>

This is a case study. Case studies are not timed separately. You can use as much exam time as you would like to complete each case. However, there may be additional case studies and sections on this exam. You must manage your time to ensure that you are able to complete all questions included on this exam in the time provided.

To answer the questions included in a case study, you will need to reference information that is provided in the case study. Case studies might contain exhibits and other resources that provide more information about the scenario that is described in the case study. Each question is independent of the other questions in this case study.

At the end of this case study, a review screen will appear. This screen allows you to review your answers and to make changes before you move to the next section of the exam. After you begin a new section, you cannot return to this section.

To start the case study

To display the first question in this case study, click the Next button. Use the buttons in the left pane to explore the content of the case study before you answer the questions. Clicking these buttons displays information such as business requirements, existing environment, and problem statements. When you are ready to answer a question, click the Question button to return to the question.

LabelMaker app

Coho Winery produces, bottles, and distributes a variety of wines globally. You are a developer implementing highly scalable and resilient applications to support online order processing by using Azure solutions.

Coho Winery has a LabelMaker application that prints labels for wine bottles. The application sends data to several printers. The application consists of five modules that run independently on virtual machines (VMs). Coho Winery plans to move the application to Azure and continue to support label creation.

External partners send data to the LabelMaker application to include artwork and text for custom label designs.

NEW QUESTION: 42

You are developing a web app that is protected by Azure Web Application Firewall (WAF). All traffic to the web app is routed through an Azure Application Gateway instance that is used by multiple web apps. The web app address is contoso.azurewebsites.net.

All traffic must be secured with SSL. The Azure Application Gateway instance is used by multiple web apps.

You need to configure the Azure Application Gateway for the app.

Which two actions should you perform? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A.** In the Azure Application Gateway's HTTP setting, enable the Use for App service setting.

B. Convert the web app to run in an Azure App service environment (ASE).

C. Add an authentication certificate for contoso.azurewebsites.net to the Azure Application gateway.

D. In the Azure Application Gateway's HTTP setting, set the value of the Override backend path option to contoso22.azurewebsites.net.

Answer: A,D ([LEAVE A REPLY](#))

D: The ability to specify a host override is defined in the HTTP settings and can be applied to any back-end pool during rule creation.

The ability to derive the host name from the IP or FQDN of the back-end pool members. HTTP settings also provide an option to dynamically pick the host name from a back-end pool member's FQDN if configured with the option to derive host name from an individual back-end pool member.

A (not C): SSL termination and end to end SSL with multi-tenant services.

In case of end to end SSL, trusted Azure services such as Azure App service web apps do not require whitelisting the backends in the application gateway. Therefore, there is no need to add any authentication certificates.

Add HTTP setting

saiappgw-appgw

* Protocol

HTTP

HTTPS



Authentication certificates are not required for trusted Azure certificates for end to end ssl to work

* Port ⓘ

443



* Request timeout (seconds)

20

Override backend path ⓘ

☒ Use for App service

☒ Use custom probe ⓘ

OK

Reference:

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

NEW QUESTION: 43

You are developing an ASP.NET Core Web API web service that uses Azure Application Insights to monitor performance and track events.

You need to enable logging and ensure that log messages can be correlated to events tracked by Application Insights.

How should you complete the code? To answer, drag the appropriate code segments to the correct locations. Each code segment 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.

Code segments

IncludeEventId

ServerFeatures

LoggerFilterOptions

ApplicationServices

ApplicationInsightsLoggerOptions

TrackExceptionsAsExceptionTelemetry

Answer Area

```
public class Startup
{
    . . .
    public void ConfigureServices (IServiceCollection services)
    {
        services.AddOptions< >().
        Configure(o => o. = true );
        services.AddMvc();
    }
    public void Configure (IApplicationBuilder app,
        IHostingEnvironment env, ILoggerFactory loggerFactory)
    {
        loggerFactory.AddApplicationInsights(app. ,LogLevel.Trace);
        app.UseMvc();
    }
}
```

Answer:

Code segments	Answer Area
IncludeEventId	<pre> public class Startup { . . . public void ConfigureServices (IServiceCollection services) { services.AddOptions< ApplicationInsightsLoggerOptions >(). Configure(o => o.IncludeEventId = true); services.AddMvc(); } public void Configure (IApplicationBuilder app, IHostingEnvironment env, ILoggerFactory loggerFactory) { loggerFactory.AddApplicationInsights (app.ApplicationServices, LogLevel.Trace); app.UseMvc(); } </pre>
ServerFeatures	
LoggerFilterOptions	
ApplicationServices	
ApplicationInsightsLoggerOptions	
TrackExceptionsAsExceptionTelemetry	

Reference:

<https://blog.computedcloud.com/enabling-application-insights-trace-logging-in-asp-net-core/>

NEW QUESTION: 44

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 develop Azure solutions.

You must grant a virtual machine (VM) access to specific resource groups in Azure Resource Manager.

You need to obtain an Azure Resource Manager access token.

Solution: Use the Reader role-based access control (RBAC) role to authenticate the VM with Azure Resource Manager.

Does the solution meet the goal?

A. Yes

B. No

Answer: B (LEAVE A REPLY)

Instead run the Invoke-RestMethod cmdlet to make a request to the local managed identity for Azure resources endpoint.

Reference:

<https://docs.microsoft.com/en-us/azure/active-directory/managed-identities-azure-resources/tutorial-windows-vm-access-arm>

NEW QUESTION: 45

You are developing a solution that will use Azure messaging services.

You need to ensure that the solution uses a publish-subscribe model and eliminates the need for constant polling.
What are two possible ways to achieve the goal? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. Service Bus
- B. Event Hub
- C. Event Grid
- D. Queue

Answer: A,C (LEAVE A REPLY)

It is strongly recommended to use available messaging products and services that support a publish-subscribe model, rather than building your own. In Azure, consider using Service Bus or Event Grid. Other technologies that can be used for pub/sub messaging include Redis, RabbitMQ, and Apache Kafka.

Reference:

<https://docs.microsoft.com/en-us/azure/architecture/patterns/publisher-subscriber>

NEW QUESTION: 46

You provision virtual machines (VMs) as development environments.

One VM does not have host.

The VM is stuck in a Windows update process. You attach the OS disk for the affected VM to a recovery VM.

You need to correct the issue.

In which order should you perform the actions? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions

Open C:\temp\Patch.txt file and locate the update that is in a pending state.

Run the following command at an elevated command prompt:
dism /image:\ /get-packages /PackageSource:
c:\temp\Patch.txt

Run the following command at an elevated command prompt:
dism /image:\ /get-packages /PackageSource:
c:\temp\Patch.txt

Detach the OS disk and recreate the VM.

Answer area

1

2

3

4

Microsoft

Answer:

Answer Area

Run the following command at an elevated command prompt. `dism /image:\ /get-packages > c:\temp\Patch.txt`

Open C:\temp\Patch.txt file and locate.....

Run the following command at an elevated command prompt.....

Detach the OS disk and recreate the VM.

Microsoft

- 1 - Run the following command at an elevated command prompt. `dism /image\ /get-packages > c:\temp\Patch.txt`
- 2 - Open C:\temp\Patch.txt file and locate,,,,,
- 3 - Run the following command at an elevated command prompt.....
- 4 - Detach the OS disk and recreate the VM.

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NEW QUESTION: 47

You need to Implement the retail store location Azure Function.
How should you configure the solution? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

Configuration	Value
Binding	Blob storage Azure Cosmos DB Event Grid HTTP
Binding Direction	Input Output
Trigger	Blob storage Azure Cosmos DB Event Grid HTTP

Answer:

Answer Area

Configuration	Value
Binding	Blob storage Azure Cosmos DB Event Grid HTTP
Binding Direction	Input Output
Trigger	Blob storage Azure Cosmos DB Event Grid HTTP

NEW QUESTION: 48

You are configuring a new development environment for a Java application.
The environment requires a Virtual Machine Scale Set (VMSS), several storage accounts, and networking components.
The VMSS must not be created until the storage accounts have been successfully created and an associated load balancer and virtual network is configured.
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.

Answer Area

```
{
  . . .
  "resources": [
    {
      "apiVersion": "2016-01-01",
      "type": "Microsoft.Storage/storageAccounts",
      "name": "[concat(
        pyn
        (), 'storage', uniqueString(resourceGroup().id))]",
      "location": "[resourceGroup().location]",
      "sku": {
        "name": "Standard_LRS"
      },
      "kind": "Storage",
      "properties": {},
      "": {
        copy
        copyIndex
        priority
        dependsOn
        "name": "storagesetup",
        "count": 3
      },
      "apiVersion": "2015-06-15",
      "type": "Microsoft.Compute/virtualMachines",
      "name": "[concat('VM', uniqueString(resourceGroup().id))]",
      "": [
        copy
        copyIndex
        priority
        dependsOn
        "[variables('loadBalancerName')]",
        "[variables('virtualNetworkName')]",
        "storagesetup",
      ],
    }
  ]
}
```

```
    }  
  },  
  "outputs": {}  
}
```

Answer:

```

{
  . . .
  "resources": [
    {
      "apiVersion": "2016-01-01",
      "type": "Microsoft.Storage/storageAccounts",
      "name": "[concat(
        pyn
        (), 'storage', uniqueString(resourceGroup().id))]",
      "location": "[resourceGroup().location]",
      "sku": {
        "name": "Standard_LRS"
      },
      "kind": "Storage",
      "properties": {},
      "copy": {
        "name": "storagesetup",
        "count": 3
      },
      "dependsOn": [
        "[variables('loadBalancerName')]",
        "[variables('virtualNetworkName')]",
        "storagesetup"
      ],
      . . .
    },
    {
      "apiVersion": "2015-06-15",
      "type": "Microsoft.Compute/virtualMachines",
      "name": "[concat('VM', uniqueString(resourceGroup().id))]",
      "copy": {
        "name": "VMCopy",
        "count": 1
      },
      "dependsOn": [
        "[variables('loadBalancerName')]",
        "[variables('virtualNetworkName')]",
        "storagesetup"
      ],
      . . .
    }
  ],
  "outputs": {}
}

```



Reference:

<https://docs.microsoft.com/en-us/azure/azure-resource-manager/templates/copy-resources>

<https://docs.microsoft.com/en-us/azure/virtual-machine-scale-sets/quick-create-template-windows>

NEW QUESTION: 49

You need to add code at line PC32 in Processing.cs to implement the GetCredentials method in the Processing class.

How should you complete the code? To answer, drag the appropriate code segments to the correct locations. Each code segment 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.

Code segments

- MSITokenProvider(" . . .", null)
- tp.GetAccessTokenAsync(" . . .")
- AzureServiceTokenProvider()
- StringTokenProvider("storage", "msi")
- tp.GetAuthenticationHeaderAsync(CancellationTokens.None)

Answer Area

```
var tp = new [code segment]
var t = new TokenCredential(await [code segment]);
return new StorageCredentials(t);
```

Answer:

Code segments

- MSITokenProvider(" . . .", null)
- tp.GetAccessTokenAsync(" . . .")
- AzureServiceTokenProvider()
- StringTokenProvider("storage", "msi")
- tp.GetAuthenticationHeaderAsync(CancellationTokens.None)

Answer Area

```
var tp = new AzureServiceTokenProvider()
var t = new TokenCredential(await tp.GetAccessTokenAsync(" . . ."));
return new StorageCredentials(t);
```

Reference:

<https://joonasw.net/view/azure-ad-authentication-with-azure-storage-and-managed-service-identity>

Topic 6, Coho Winery

Requirements

Data

You identify the following requirements for data management and manipulation:

Order data is stored as nonrelational JSON and must be queried using SQL.

Changes to the Order data must reflect immediately across all partitions. All reads to the Order data must fetch the most recent writes.

Requirements. Security

You have the following security requirements:

Users of Coho Winery applications must be able to provide access to documents, resources, and applications to external partners.

External partners must use their own credentials and authenticate with their organization's identity management solution.

Storage of e-commerce application settings must be maintained in Azure Key Vault.

External partner logins must be audited monthly for application use by a user account administrator to maintain company compliance.

E-commerce application sign-ins must be secured by using Azure App Service authentication and Azure Active Directory (AAD).

Conditional access policies must be applied at the application level to protect company content.

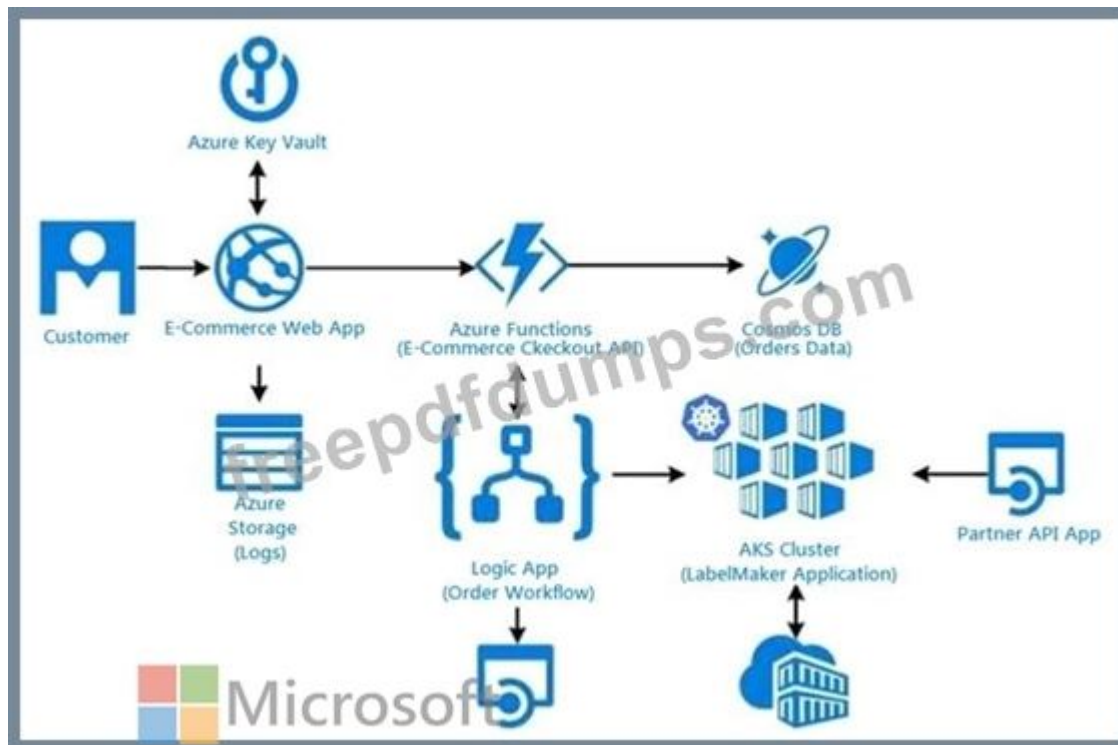
The LabelMaker application must be secured by using an AAD account that has full access to all namespaces of the Azure Kubernetes Service (AKS) cluster.

Requirements. LabelMaker app

Azure Monitor Container Health must be used to monitor the performance of workloads that are deployed to Kubernetes environments and hosted on Azure Kubernetes Service (AKS).

You must use Azure Container Registry to publish images that support the AKS deployment.

Architecture



Issues

Calls to the Printer API App fail periodically due to printer communication timeouts.

Printer communication timeouts occur after 10 seconds. The label printer must only receive up to 5 attempts within one minute.

The order workflow fails to run upon initial deployment to Azure.

Order.json

Relevant portions of the app files are shown below. Line numbers are included for reference only.

This JSON file contains a representation of the data for an order that includes a single item.

Order.json

```
01 {
02   "id" : 1,
03   "customers" : [
04     {
05       "familyName" : "Doe",
06       "givenName" : "John",
07       "customerid" : 5
08     }
09   ],
10   "line_items" : [
11     {
12       "fulfillable_quantity" : 1,
13       "id" : 6,
14       "price" : "100.00"
```

```

14     "price" : "199.99" ,
15     "product_id" : 7513594,
16     "quantity": 1,
17     "requires_shipping" : true ,
18     "sku" : "SFC-342-N" ,
19     "title": "Surface Go" ,
20     "vendor" : "Microsoft" ,
21     "name" : "Surface Go - 8GB" ,
22     "taxable" : true ,
23     "tax_lines" : [
24     {
25         "title" : "State Tax" ,
26         "price" : "3.98" ,
27         "rate" : 0.06
28     }
29     ],
30     "total_discount" : "5.00" ,
31     "discount_allocations" : [
32     {
33         "amount" : "5.00" ,
34         "discount_application_index" : 2
35     }
36     ]
37 }
38 ],
39 "address" : {
40     "state" : "NY" ,
41     "state": "Manhattan" ,
42     "city" : "NY"
43 }
44 }

```



NEW QUESTION: 50

A software as a service (SaaS) company provides document management services. The company has a service that consists of several Azure web apps. All Azure web apps run in an Azure App Service Plan named PrimaryASP.

You are developing a new web service by using a web app named ExcelParser. The web app contains a third-party library for processing Microsoft Excel files. The license for the third-party library stipulates that you can only run a single instance of the library.

You need to configure the service.

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

NOTE: Each correct selection is worth one point.

Answer Area

```
Set-AzAppServicePlan `
  -ResourceGroupName $rg `
  -Name "PrimaryASP" `
```

```
NumberOfSites 1
PerSiteScaling $true
TargetWorkerCount = 1
MaxNumberOfWorkers = 1
SiteConfig.NumberOfWorkers = 1
```

```
$app = Get-AzWebApp `
  -ResourceGroupName $rg `
  -Name "ExcelParser"
```

```
$app.  
  NumberOfSites 1  
  PerSiteScaling $true  
  TargetWorkerCount = 1  
  MaxNumberOfWorkers = 1  
  SiteConfig.NumberOfWorkers = 1
```

```
Set-AzWebApp $app
```

Answer Area

```
Set-AzAppServicePlan `
  -ResourceGroupName $rg `
  -Name "PrimaryASP" `
```

```
NumberOfSites 1
PerSiteScaling $true
TargetWorkerCount = 1
MaxNumberOfWorkers = 1
SiteConfig.NumberOfWorkers = 1
```

```
$app = Get-AzWebApp `
  -ResourceGroupName $rg `
  -Name "ExcelParser"
```

```
$app.  
NumberOfSites 1  
PerSiteScaling $true  
TargetWorkerCount = 1  
MaxNumberOfWorkers = 1  
SiteConfig.NumberOfWorkers = 1
```

```
Set-AzWebApp $app
```

Reference:

<https://docs.microsoft.com/en-us/azure/app-service/manage-scale-per-app>

NEW QUESTION: 51

You are preparing to deploy a Python website to an Azure Web App using a container. The solution will use multiple containers in the same container group. The Dockerfile that builds the container is as follows:

```
FROM python:3
ADD website.py
CMD [ "python", "./website.py"]
```

You build a container by using the following command. The Azure Container Registry instance named images is a private registry.

```
docker build -t images.azurecr.io/website:v1.0.0
```

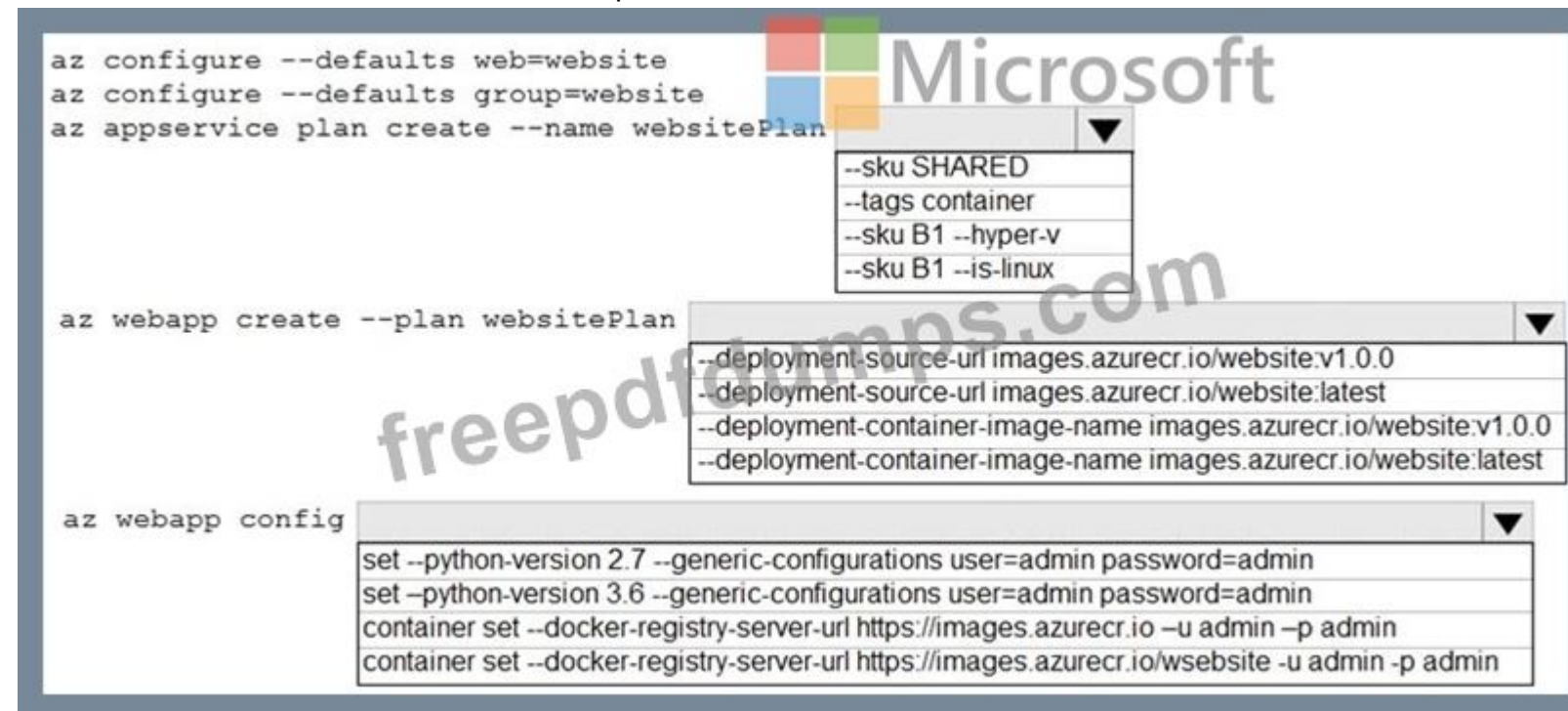
The user name and password for the registry is admin.

The Web App must always run the same version of the website regardless of future builds.

You need to create an Azure Web App to run the website.

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

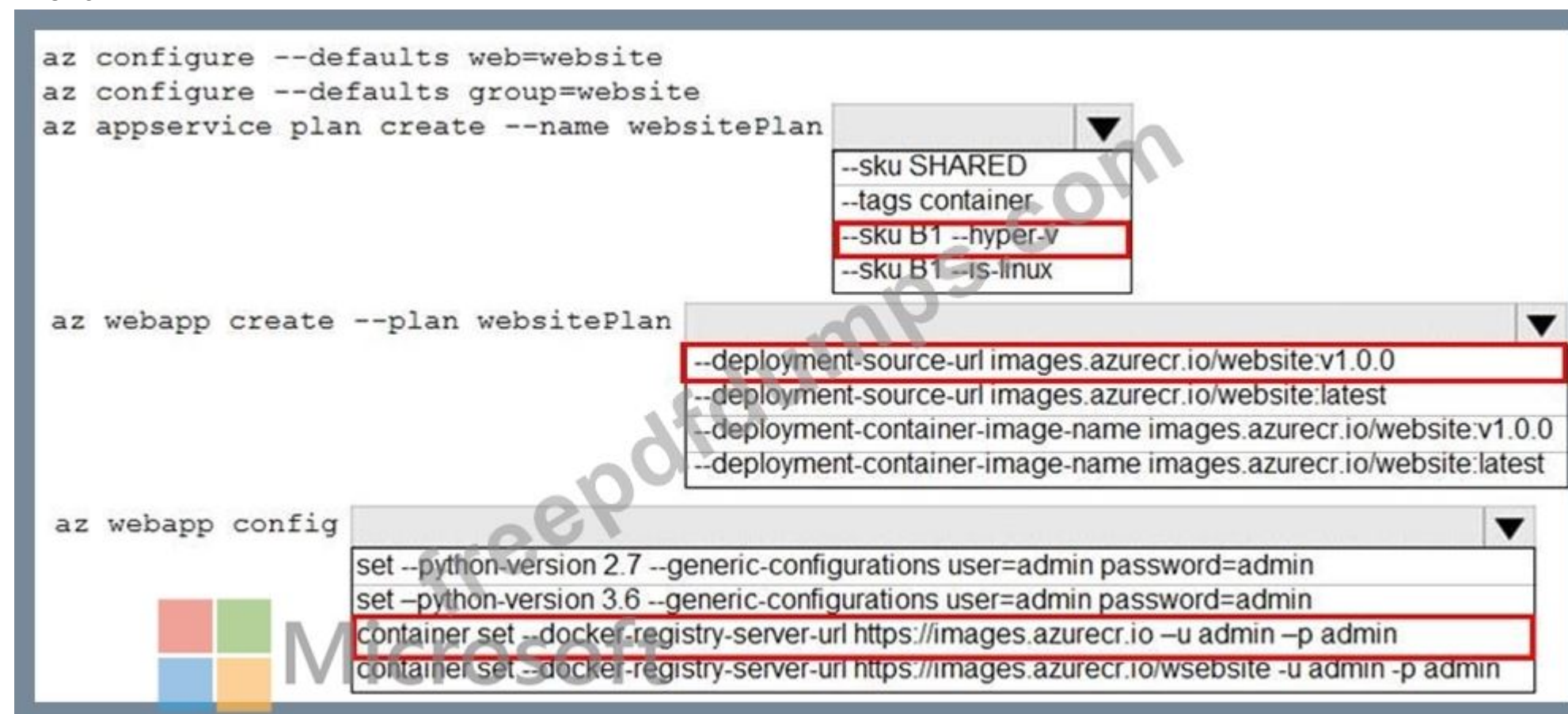
NOTE: Each correct selection is worth one point.



The screenshot shows the Microsoft Azure CLI interface with three commands and their respective dropdown menus:

- `az configure --defaults web=website`
- `az configure --defaults group=website`
- `az appservice plan create --name websitePlan`
 - sku SHARED
 - tags container
 - sku B1 --hyper-v
 - sku B1 --is-linux
- `az webapp create --plan websitePlan`
 - deployment-source-url images.azurecr.io/website:v1.0.0
 - deployment-source-url images.azurecr.io/website:latest
 - deployment-container-image-name images.azurecr.io/website:v1.0.0
 - deployment-container-image-name images.azurecr.io/website:latest
- `az webapp config`
 - set --python-version 2.7 --generic-configurations user=admin password=admin
 - set --python-version 3.6 --generic-configurations user=admin password=admin
 - container set --docker-registry-server-url https://images.azurecr.io --u admin -p admin
 - container set --docker-registry-server-url https://images.azurecr.io/wsebsite -u admin -p admin

Answer:



The screenshot shows the same Microsoft Azure CLI interface as above, but with the correct options highlighted in red:

- `az configure --defaults web=website`
- `az configure --defaults group=website`
- `az appservice plan create --name websitePlan`
 - sku SHARED
 - tags container
 - sku B1 --hyper-v**
 - sku B1 --is-linux
- `az webapp create --plan websitePlan`
 - deployment-source-url images.azurecr.io/website:v1.0.0**
 - deployment-source-url images.azurecr.io/website:latest
 - deployment-container-image-name images.azurecr.io/website:v1.0.0
 - deployment-container-image-name images.azurecr.io/website:latest
- `az webapp config`
 - set --python-version 2.7 --generic-configurations user=admin password=admin
 - set --python-version 3.6 --generic-configurations user=admin password=admin
 - container set --docker-registry-server-url https://images.azurecr.io --u admin -p admin**
 - container set --docker-registry-server-url https://images.azurecr.io/wsebsite -u admin -p admin

Reference:

<https://docs.microsoft.com/en-us/cli/azure/appservice/plan>

NEW QUESTION: 52

You develop an app that allows users to upload photos and videos to Azure storage. The app uses a storage REST API call to upload the media to a blob storage account named Account1. You have blob storage containers named Container1 and Container2.

Uploading of videos occurs on an irregular basis.

You need to copy specific blobs from Container1 to Container2 in real time when specific requirements are met, excluding backup blob copies.

What should you do?

- A.** Download the blob to a virtual machine and then upload the blob to Container2.
- B.** Run the Azure PowerShell command Start-AzureStorageBlobCopy.
- C.** Copy blobs to Container2 by using the Put Blob operation of the Blob Service REST API.
- D.** Use AzCopy with the Snapshot switch blobs to Container2.

Answer: B ([LEAVE A REPLY](#))

The Start-AzureStorageBlobCopy cmdlet starts to copy a blob.

Example 1: Copy a named blob

C:\PS>Start-AzureStorageBlobCopy -SrcBlob "ContosoPlanning2015" -DestContainer "ContosoArchives" -SrcContainer "ContosoUploads" This command starts the copy operation of the blob named ContosoPlanning2015 from the container named ContosoUploads to the container named ContosoArchives.

Reference:

<https://docs.microsoft.com/en-us/powershell/module/azure.storage/start-azurestorageblobcopy?view=azurermps-6.13.0>

NEW QUESTION: 53

You plan to deploy a new application to a Linux virtual machine (VM) that is hosted in Azure.

The entire VM must be secured at rest by using industry-standard encryption technology to address organizational security and compliance requirements.

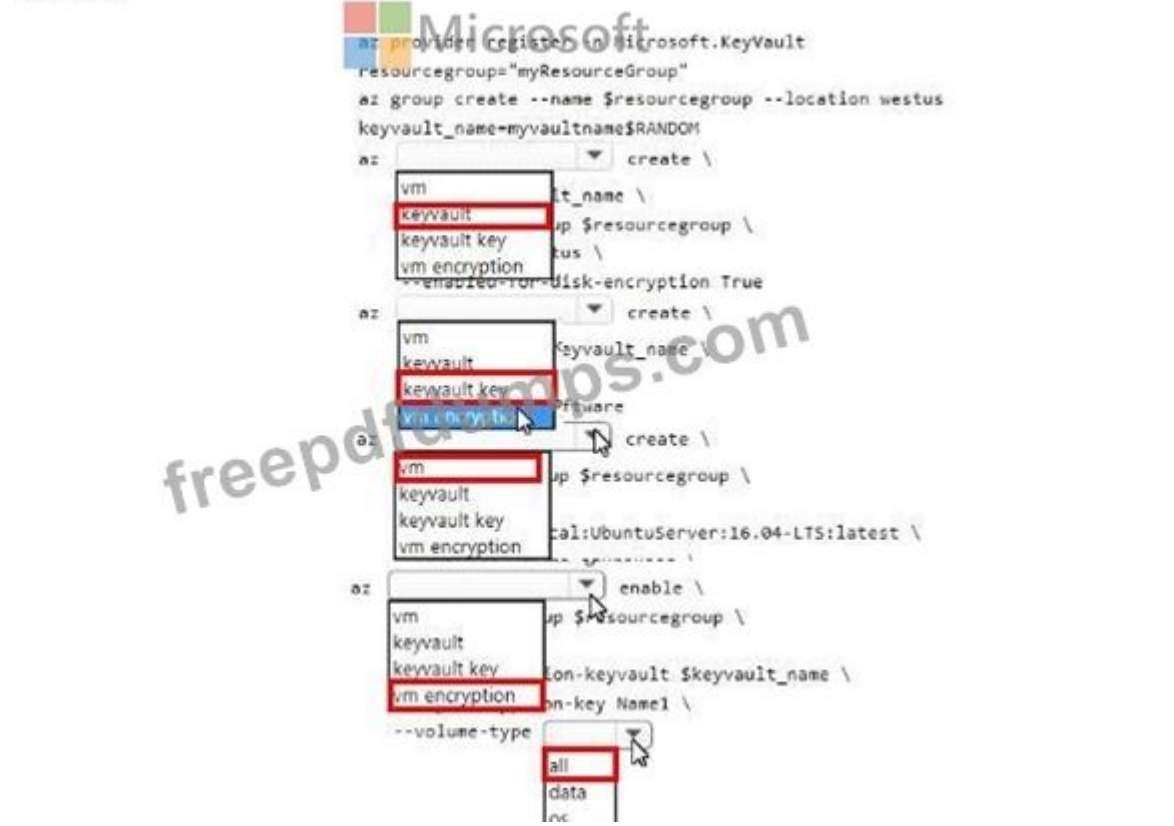
You need to configure Azure Disk Encryption for the VM.

How should you complete the Azure Cli commands? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

```
az provider register -n Microsoft.KeyVault
resourcegroup="myResourceGroup"
az group create --name $resourcegroup --location westus
keyvault_name=myvaultname$RANDOM
az \
    vm \
    keyvault \
    keyvault key \
    vm encryption \
    --enabled-for-disk-encryption True \
    create \
    --name $keyvault_name \
    --resource-group $resourcegroup \
    --location $location \
    --os-type UbuntuServer:16.04-LTS:latest \
    enable \
    --name $keyvault_name \
    --volume-type os
```

Answer:



Reference:

<https://docs.microsoft.com/bs-latn-ba/azure/virtual-machines/linux/encrypt-disks>

NEW QUESTION: 54

You plan to create a Docker image that runs as ASP.NET Core application named ContosoApp. You have a setup script named setupScript.ps1 and a series of application files including ContosoApp.dll.

You need to create a Dockerfile document that meets the following requirements:

- * Call setupScript.ps1 when the container is built.
- * Run ContosoApp.dll when the container starts.

The Docker document must be created in the same folder where ContosoApp.dll and setupScript.ps1 are stored.

Which four commands should you use to develop the solution? To answer, move the appropriate commands from the list of commands to the answer area and arrange them in the correct order.

Commands

RUN powershell ./setupScript.ps1
CMD ["dotnet", "ContosoApp.dll"]

EXPOSE ./ContosoApp/ /apps/ContosoApp

COPY ./

FROM microsoft/aspnetcore:2.0

WORKDIR /apps/ContosoApp

CMD powershell ./setupScript.ps1
ENTRYPOINT ["dotnet", "ContosoApp.dll"]

Answer Area

←

→

↑

↓

Answer:

Answer Area

WORKDIR /apps/ContosoApp

COPY ./-

EXPOSE ./ContosoApp/ /app/ContosoApp

CMD powershell ./setupScript.ps1

- 1 - WORKDIR /apps/ContosoApp
- 2 - COPY ./-

3 - EXPOSE ./ContosApp/ /app/ContosoApp

4 - CMD powershell ./setupScript.ps1

Reference:

<https://docs.microsoft.com/en-us/azure/app-service/containers/tutorial-custom-docker-image>

NEW QUESTION: 55

You are Implementing an Azure solution that uses Azure Cosmos DB and the latest Azure Cosmos DB SDK. You add a change feed processor to a new container instance.

You attempt to lead a batch of 100 documents. The process falls when reading one of the documents. The solution must monitor the progress of the change feed processor instance on the new container as the change feed is read. You must prevent the change feed processor from retrying the entire batch when one document cannot be read.

You need to implement the change feed processor to read the documents.

Which features should you use? To answer, drag the appropriate features to the correct requirements. Each feature may be used once, More than once, or not at all. You may need to drag The split bat between panes or scroll to view content Each correct selection is worth one point

Features

- Change feed estimator
- Dead-letter queue
- Deployment unit
- Lease container

Requirement

- Monitor the progress of the change feed processor.
- Prevent the change feed processor from retrying the entire batch when one document cannot be read.

Feature

- Feature
- Feature

Answer:

Features

- Change feed estimator
- Dead-letter queue
- Deployment unit
- Lease container

Requirement

- Monitor the progress of the change feed processor.
- Prevent the change feed processor from retrying the entire batch when one document cannot be read.

Feature

- Dead-letter queue
- Deployment unit

NEW QUESTION: 56

You need to monitor ContentUploadService according to the requirements.

Which command should you use?

- A. az monitor metrics alert create -n alert -g ... - -scopes ... - -condition "avg Percentage CPU > 8"
- B. az monitor metrics alert create -n alert -g ... - -scopes ... - -condition "avg Percentage CPU > 800"
- C. az monitor metrics alert create -n alert -g ... - -scopes ... - -condition "CPU Usage > 800"
- D. az monitor metrics alert create -n alert -g ... - -scopes ... - -condition "CPU Usage > 8"

Answer: B (LEAVE A REPLY)

Scenario: An alert must be raised if the ContentUploadService uses more than 80 percent of available CPU-cores Reference:

<https://docs.microsoft.com/sv-se/cli/azure/monitor/metrics/alert>

Topic 2, Windows Server 2016 virtual machine

Current environment

Windows Server 2016 virtual machine

The virtual machine (VM) runs BizTalk Server 2016. The VM runs the following workflows:

Ocean Transport - This workflow gathers and validates container information including container contents and arrival notices at various shipping ports.

Inland Transport - This workflow gathers and validates trucking information including fuel usage, number of stops, and routes.

The VM supports the following REST API calls:

Container API - This API provides container information including weight, contents, and other attributes.

Location API - This API provides location information regarding shipping ports of call and tracking stops.

Shipping REST API - This API provides shipping information for use and display on the shipping website.

Shipping Data

The application uses MongoDB JSON document storage database for all container and transport information.

Shipping Web Site

The site displays shipping container tracking information and container contents. The site is located at <http://shipping.wideworldimporters.com/> Proposed solution The on-premises shipping application must be moved to Azure. The VM has been migrated to a new Standard_D16s_v3 Azure VM by using Azure Site Recovery and must remain running in Azure to complete the BizTalk component migrations. You create a Standard_D16s_v3 Azure VM to host BizTalk Server. The Azure architecture diagram for the proposed solution is shown below:



Requirements

Shipping Logic app

The Shipping Logic app must meet the following requirements:

Support the ocean transport and inland transport workflows by using a Logic App.

Support industry-standard protocol X12 message format for various messages including vessel content details and arrival notices.

Secure resources to the corporate VNet and use dedicated storage resources with a fixed costing model.

Maintain on-premises connectivity to support legacy applications and final BizTalk migrations.

Shipping Function app

Implement secure function endpoints by using app-level security and include Azure Active Directory (Azure AD).

REST APIs

The REST API's that support the solution must meet the following requirements:

Secure resources to the corporate VNet.

Allow deployment to a testing location within Azure while not incurring additional costs.

Automatically scale to double capacity during peak shipping times while not causing application downtime.

Minimize costs when selecting an Azure payment model.

Shipping data

Data migration from on-premises to Azure must minimize costs and downtime.

Shipping website

Use Azure Content Delivery Network (CDN) and ensure maximum performance for dynamic content while minimizing latency and costs.

Issues

Windows Server 2016 VM

The VM shows high network latency, jitter, and high CPU utilization. The VM is critical and has not been backed up in the past. The VM must enable a quick restore from a 7-day snapshot to include in-place restore of disks in case of failure.

Shipping website and REST APIs

The following error message displays while you are testing the website:

Failed to load <http://test-shippingapi.wideworldimporters.com/>: No 'Access-Control-Allow-Origin' header is present on the requested resource. Origin 'http://test.wideworldimporters.com/' is therefore not allowed access.

NEW QUESTION: 57

You need to store the user agreements.

Where should you store the agreement after it is completed?

- A. Azure Storage queue
- B. Azure Event Hub
- C. Azure Service Bus topic
- D. Azure Event Grid topic

Answer: B ([LEAVE A REPLY](#))

Azure Event Hub is used for telemetry and distributed data streaming.

This service provides a single solution that enables rapid data retrieval for real-time processing as well as repeated replay of stored raw data. It can capture the streaming data into a file for processing and analysis.

It has the following characteristics:

low latency

capable of receiving and processing millions of events per second

at least once delivery

Reference:

<https://docs.microsoft.com/en-us/azure/event-grid/compare-messaging-services>

NEW QUESTION: 58

You are a developer for a SaaS company that offers many web services.

All web services for the company must meet the following requirements:

- * Use API Management to access the services
- * Use OpenID Connect for authentication
- * Prevent anonymous usage

A recent security audit found that several web services can be called without any authentication.

Which API Management policy should you implement?

- A. jsonp
- B. authentication-certificate
- C. check-header
- D. validate-jwt

Answer: D ([LEAVE A REPLY](#))

Add the validate-jwt policy to validate the OAuth token for every incoming request.

Incorrect Answers:

A: The jsonp policy adds JSON with padding (JSONP) support to an operation or an API to allow cross-domain calls from JavaScript browser-based clients. JSONP is a method used in JavaScript programs to request data from a server in a different domain. JSONP bypasses the limitation enforced by most web browsers where access to web pages must be in the same domain.

JSONP - Adds JSON with padding (JSONP) support to an operation or an API to allow cross-domain calls from JavaScript browser-based clients.

Reference:

<https://docs.microsoft.com/en-us/azure/api-management/api-management-howto-protect-backend-with-aad>

NEW QUESTION: 59

You are a developer for a Software as a Service (SaaS) company. You develop solutions that provide the ability to send notifications by using Azure Notification Hubs.

You need to create sample code that customers can use as a reference for how to send raw notifications to Windows Push Notification Services (WNS) devices. The sample code must not use external packages.

How should you complete the code segment? To answer, drag the appropriate code segments to the correct locations. Each code segment 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.

Code segments

- raw
- windows
- windowsphone
- application/xml
- application/json
- application/octet-stream

Answer Area

```
var endpoint = "...";
var payload = "...";
var request = new HttpRequestMessage(HttpMethod.Post, endpoint);
request.Headers.Add("X-WNS-Type", "wns/raw");
request.Headers.Add("ServiceBusNotification-Format", "Code segment");
request.Content = new StringContent(payload, Encoding.UTF8, "Code segment");
var client = new HttpClient();
await client.SendAsync(request);
```

Answer:

Code segments

raw

windows

windowsphone

application/xml

application/json

application/octet-stream

Answer Area

```
var endpoint = "...";  
var payload = "...";  
var request = new HttpRequestMessage(HttpMethod.Post, endpoint);  
request.Headers.Add("X-WNS-Type", "wns/raw");  
request.Headers.Add("ServiceBusNotification-Format", " windows ");  
request.Content = new StringContent(payload, Encoding.UTF8, " application/octet-stream ");  
var client = new HttpClient();  
await client.SendAsync(request);
```

Reference:

<https://stackoverflow.com/questions/31346714/how-to-send-raw-notification-to-azure-notification-hub/31347901>

NEW QUESTION: 60

You are developing an application that use an Azure blob named data to store application data. The application creates blob snapshots to allow application state to be reverted to an earlier state.

The Azure storage account has soft deleted enabled.

The system performs the following operations in order:

- * The blob is updated
- * Snapshot 1 is created.
- * Snapshot 2 is created.
- * Snapshot 1 is deleted.

A system error then deletes the data blob and all snapshots.

You need to determine which application states can be restored.

What is the restorability of the application data? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Application State	Restorability
Data blob	▼ Can be restored Cannot be restored
Snapshot 1	▼ Can be restored Cannot be restored
Snapshot 2	▼ Can be restored Cannot be restored

Answer:

Application State	Restorability
Data blob	▼ Can be restored Cannot be restored
Snapshot 1	▼ Can be restored Cannot be restored
Snapshot 2	▼ Can be restored Cannot be restored

Reference:

<https://docs.microsoft.com/en-us/azure/storage/blobs/storage-blob-soft-delete>

NEW QUESTION: 61

You develop Azure solutions.

You must connect to a No-SQL globally-distributed database by using the .NET API.

You need to create an object to configure and execute requests in the database.

Which code segment should you use?

- A. new Container(EndpointUri, PrimaryKey);
- B. new Database(Endpoint, PrimaryKey);
- C. new CosmosClient(EndpointUri, PrimaryKey);

Answer: C (LEAVE A REPLY)

Example:

```
// Create a new instance of the Cosmos Client
this.cosmosClient = new CosmosClient(EndpointUri, PrimaryKey)
//ADD THIS PART TO YOUR CODE
await this.CreateDatabaseAsync();
Reference:
https://docs.microsoft.com/en-us/azure/cosmos-db/sql-api-get-started
```

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NEW QUESTION: 62

You develop an ASP.NET Core MVC application. You configure the application to track webpages and custom events. You need to identify trends in application usage. Which Azure Application Insights Usage Analysis features should you use? To answer, drag the appropriate features to the correct requirements. Each feature 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.

Features	Requirement	Feature
Users	Which pages visited by users most often correlate to a product purchase?	
Funnels	How does load time of the product display page affect a user's decision to purchase a product?	
Impact	Which events most influence a user's decision to continue to use the application?	
Retention		
User Flows	Are there places in the application that users often perform repetitive actions?	

Answer:

Features	Requirement	Feature
Users	Which pages visited by users most often correlate to a product purchase?	Users
Funnels	How does load time of the product display page affect a user's decision to purchase a product?	Impact
Impact	Which events most influence a user's decision to continue to use the application?	Retention
Retention	Are there places in the application that users often perform repetitive actions?	User Flows
User Flows		

Reference:

<https://docs.microsoft.com/en-us/azure/azure-monitor/app/usage-impact>

NEW QUESTION: 63

You develop a solution that uses an Azure SQL Database to store user information for a mobile app.

The app stores sensitive information about users.

You need to hide sensitive information from developers that query the data for the mobile app.

Which three items must you identify when configuring dynamic data masking? Each correct answer presents a part of the solution.

NOTE: Each correct selection is worth one point.

A. Column

B. Table

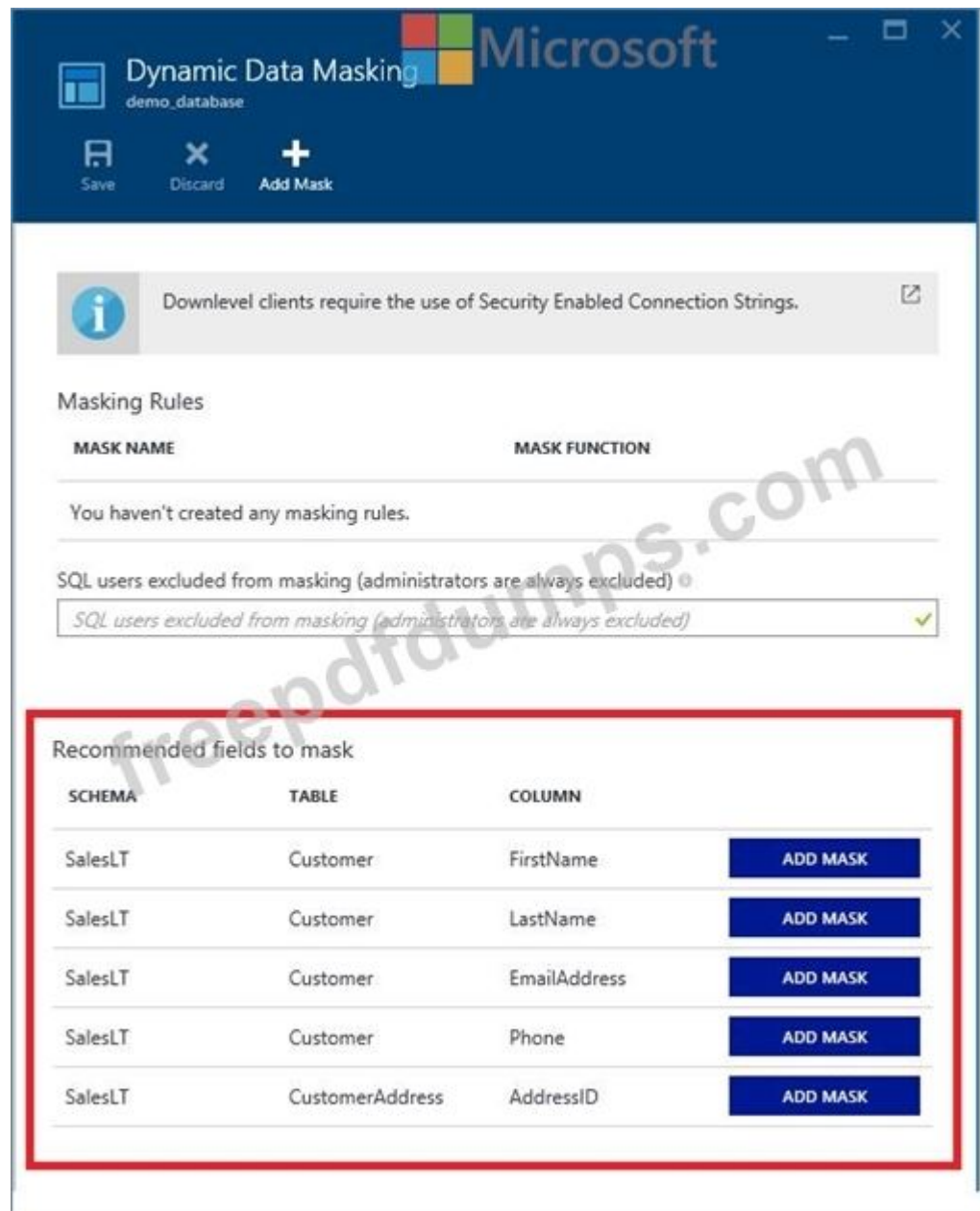
C. Trigger

D. Index

E. Schema

Answer: A,B,E (LEAVE A REPLY)

In the Dynamic Data Masking configuration page, you may see some database columns that the recommendations engine has flagged for masking. In order to accept the recommendations, just click Add Mask for one or more columns and a mask is created based on the default type for this column. You can change the masking function by clicking on the masking rule and editing the masking field format to a different format of your choice.



Reference:

<https://docs.microsoft.com/en-us/azure/sql-database/sql-database-dynamic-data-masking-get-started-portal>

NEW QUESTION: 64

You are preparing to deploy an ASP.NET Core website to an Azure Web App from a GitHub repository. The website includes static content generated by a script.

You plan to use the Azure Web App continuous deployment feature.

You need to run the static generation script before the website starts serving traffic.

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

NOTE: Each correct selection is worth one point.

- A. Create a file named .deployment in the root of the repository that calls a script which generates the static content and deploys the website.
- B. Add a PreBuild target in the websites csproj project file that runs the static content generation script.
- C. Create a file named run.cmd in the folder /run that calls a script which generates the static content and deploys the website.
- D. Add the path to the static content generation tool to WEBSITE_RUN_FROM_PACKAGE setting in the host.json file.

Answer: A,D (LEAVE A REPLY)

A: To customize your deployment, include a .deployment file in the repository root.

You just need to add a file to the root of your repository with the name .deployment and the content:

[config]

command = YOUR COMMAND TO RUN FOR DEPLOYMENT

this command can be just running a script (batch file) that has all that is required for your deployment, like copying files from the repository to the web root directory for example.

D: In Azure, you can run your functions directly from a deployment package file in your function app. The other option is to deploy your files in the d:\home\site\wwwroot directory of your function app (see A above).

To enable your function app to run from a package, you just add a WEBSITE_RUN_FROM_PACKAGE setting to your function app settings.

Note: The host.json metadata file contains global configuration options that affect all functions for a function app.

Reference:

<https://github.com/projectkudu/kudu/wiki/Custom-Deployment-Script>

<https://docs.microsoft.com/bs-latn-ba/azure/azure-functions/run-functions-from-deployment-package>

NEW QUESTION: 65

You are developing a Java application that uses Cassandra to store key and value data. You plan to use a new Azure Cosmos DB resource and the Cassandra API in the application. You create an Azure Active Directory (Azure AD) group named Cosmos DB Creators to enable provisioning of Azure Cosmos accounts, databases, and containers.

The Azure AD group must not be able to access the keys that are required to access the data.

You need to restrict access to the Azure AD group.

Which role-based access control should you use?

- A. DocumentDB Accounts Contributor
- B. Cosmos Backup Operator
- C. Cosmos DB Operator
- D. Cosmos DB Account Reader

Answer: (SHOW ANSWER)

Azure Cosmos DB now provides a new RBAC role, Cosmos DB Operator. This new role lets you provision Azure Cosmos accounts, databases, and containers, but can't access the keys that are required to access the data. This role is intended for use in scenarios where the ability to grant access to Azure Active Directory service principals to manage deployment operations for Cosmos DB is needed, including the account, database, and containers.

Reference:

<https://azure.microsoft.com/en-us/updates/azure-cosmos-db-operator-role-for-role-based-access-control-rbac-is-now-available/>

NEW QUESTION: 66

You have a web app named MainApp. You are developing a triggered App Service background task by using the WebJobs SDK. This task automatically invokes a function code whenever any new data is received in a queue.

You need to configure the services.

Which service should you use for each scenario? To answer, drag the appropriate services to the correct scenarios. Each service 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.

Services	Scenario	Service
Logic Apps	Process a queue data item.	
WebJobs	Manage all code segments from the same DevOps environment.	
Flow		

Answer:

Services	Scenario	Service
Logic Apps	Process a queue data item.	WebJobs
WebJobs	Manage all code segments from the same DevOps environment.	Flow
Flow		

Reference:

<https://code.msdn.microsoft.com/Processing-Service-Bus-84db27b4>

NEW QUESTION: 67

You need to ensure the security policies are met.

What code do you add at line CS07 of ConfigureSSE.ps1?

- A. -PermissionsToKeys create, encrypt, decrypt
- B. -PermissionsToCertificates create, encrypt, decrypt
- C. -PermissionsToCertificates wrapkey, unwrapkey, get
- D. -PermissionsToKeys wrapkey, unwrapkey, get

Answer: B ([LEAVE A REPLY](#))

Scenario: All certificates and secrets used to secure data must be stored in Azure Key Vault.

You must adhere to the principle of least privilege and provide privileges which are essential to perform the intended function.

The Set-AzureRmKeyVaultAccessPolicy parameter -PermissionsToKeys specifies an array of key operation permissions to grant to a user or service principal. The acceptable values for this parameter: decrypt, encrypt, unwrapKey, wrapKey, verify, sign, get, list, update, create, import, delete, backup, restore, recover, purge Reference:

<https://docs.microsoft.com/en-us/powershell/module/azurerm.keyvault/set-azurermkeyvaultaccesspolicy>

NEW QUESTION: 68

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

You are developing a solution that will be deployed to an Azure Kubernetes Service (AKS) cluster. The solution will include a custom VNet, Azure Container Registry images, and an Azure Storage account.

The solution must allow dynamic creation and management of all Azure resources within the AKS cluster.

You need to configure an AKS cluster for use with the Azure APIs.

Solution: Create an AKS cluster that supports network policy. Create and apply a network to allow traffic only from within a defined namespace.

Does the solution meet the goal?

A. Yes

B. No

Answer: A (LEAVE A REPLY)

When you run modern, microservices-based applications in Kubernetes, you often want to control which components can communicate with each other. The principle of least privilege should be applied to how traffic can flow between pods in an Azure Kubernetes Service (AKS) cluster. Let's say you likely want to block traffic directly to back-end applications. The Network Policy feature in Kubernetes lets you define rules for ingress and egress traffic between pods in a cluster.

Reference:

<https://docs.microsoft.com/en-us/azure/aks/use-network-policies>

NEW QUESTION: 69

You are developing a data storage solution for a social networking app.

The solution requires a mobile app that stores user information using Azure Table Storage.

You need to develop code that can insert multiple sets of user information.

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

NOTE: Each correct selection is worth one point.

```
CloudStorageAccount storageAccount = CloudStorageAccount.Parse(  
    ConfigurationManager.GetSetting("StorageConnectionString"));  
CloudTableClient tableClient = storageAccount.CreateCloudTableClient()  
CloudTable table = tableClient.GetTableReference("clients");  
Table.CreateIfNotExists();
```

▼ op = new

TableOperation

TableBatchOperaton

TableEntity

TableQuery

▼ () ;

TableOperation

TableBatchOperaton

TableEntity

TableQuery

..

table.

▼ (op) ;

ExecuteBatch

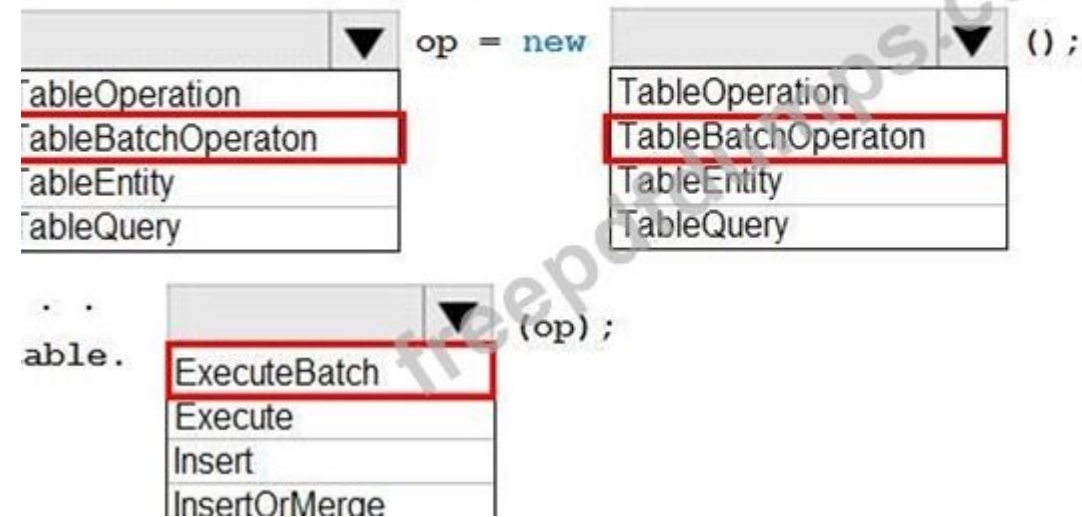
Execute

Insert

InsertOrMerge

Answer:

```
CloudStorageAccount storageAccount = CloudStorageAccount.Parse(
    CloudConfigurationManager.GetSetting("StorageConnectionString"));
CloudTableClient tableClient = storageAccount.CreateCloudTableClient();
CloudTable table = tableClient.GetTableReference("clients");
table.CreateIfNotExists();
```



Reference:

<https://docs.microsoft.com/en-us/azure/cosmos-db/table-storage-how-to-use-dotnet>

NEW QUESTION: 70

A web service provides customer summary information for e-commerce partners. The web service is implemented as an Azure Function app with an HTTP trigger. Access to the API is provided by an Azure API Management instance. The API Management instance is configured in consumption plan mode. All API calls are authenticated by using OAuth.

API calls must be cached. Customers must not be able to view cached data for other customers.

You need to configure API Management policies for caching.

How should you complete the policy statement?

The screenshot shows the Azure API Management console. On the left, under 'Targets', there is a list of targets: Expect, Public, Private, Internal, External, and Authorization. On the right, under 'Answer Area', there is a code editor with the following XML snippet:

```
<policies>
  <inbound>
    <base />
    <cache-lookup caching-type="Target" downstream-caching-type = "Target" />
    <vary-by-header>
      Target
    </vary-by-header>
  </cache-lookup>
</inbound>
</policies>
```

Answer:

Targets

- Expect
- Public
- Private
- Internal
- External
- Authorization

Answer Area

```

<policies>
<inbound>
<base />
<cache-lookup caching-type="Internal" downstream-caching-type = "Private">
</cache-lookup>
<vary-by-header>
Authorization
</vary-by-header>
</cache-lookup>
</inbound>
</policies>

```

Reference:

<https://docs.microsoft.com/en-us/azure/api-management/api-management-caching-policies>

NEW QUESTION: 71

You develop a gateway solution for a public facing news API.

The news API back end is implemented as a RESTful service and hosted in an Azure App Service instance.

You need to configure back-end authentication for the API Management service instance.

Which target and gateway credential type should you use? To answer, drag the appropriate values to the correct parameters. Each value 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.

Configuration parameter	Value
Target	value
Gateway credentials	value

Targets

- Azure Resource
- HTTP(s) endpoint
- Basic
- Client cert

Answer:

Configuration parameter	Value
Target	Azure Resource
Gateway credentials	Client cert

Targets

- Azure Resource
- HTTP(s) endpoint
- Basic
- Client cert

Reference:

<https://docs.microsoft.com/en-us/rest/api/apimanagement/apimanagementrest/azure-api-management-rest-api-backend-entity>

NEW QUESTION: 72

You are developing an Azure App Service hosted ASP.NET Core web app to deliver video on-demand streaming media. You enable an Azure Content Delivery Network (CDN) Standard for the web endpoint. Customer videos are downloaded from the web app by using the following example URL.: <http://www.contoso.com/content.mp4?quality=1> All media content must expire from the

cache after one hour. Customer videos with varying quality must be delivered to the closest regional point of presence (POP) node. You need to configure Azure CDN caching rules. Which options should you use? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

Setting	Action
Caching behavior	Bypass cache Override Set if missing
Cache expiration duration	1 second 1 minute 1 hour 1 day
Query string caching behavior	Ignore query strings Bypass caching for query strings Cache every unique URL

Answer:

Setting	Action
Caching behavior	Bypass cache Override Set if missing
Cache expiration duration	1 second 1 minute 1 hour 1 day
Query string caching behavior	Ignore query strings Bypass caching for query strings Cache every unique URL

Reference:

<https://docs.microsoft.com/en-us/azure/cdn/cdn-query-string>

NEW QUESTION: 73

You are developing an application. You have an Azure user account that has access to two subscriptions.

You need to retrieve a storage account key secret from Azure Key Vault.

In which order should you arrange the PowerShell commands to develop the solution? To answer, move all commands from the list of commands to the answer area and arrange them in the correct order.

Powershell commands

Answer Area

```
$secretvalue = ConvertTo-SecureString  
$storAcctkey -AsPlainText  
-Force  
Set-AzKeyVaultSecret -VaultName  
$vaultName -Name $secretName  
-SecretValue $secretvalue
```

```
Get-AzStorageAccountKey -  
ResourceGroupName $resGroup -Name  
$storAcct
```

```
Set-AzContext -SubscriptionId  
$subscriptionID
```

```
Get-AzKeyVaultSecret -VaultName  
$vaultName
```

```
Get-AzSubscription
```

Answer:



The screenshot shows the 'Answer Area' with five input fields containing the following commands in order:

- Get-AzSubscription
- Set-AzContext -SubscriptionId,,,
- Get-AzStorageAccountKey,,,
- \$secretvalue = ConvertTo-SecureString <storageAccountKey> -AsPlainText -Force,,,
- Get-AzKeyVaultSecret,,,

- 1 - Get-AzSubscription
- 2 - Set-AzContext -SubscriptionId,,,
- 3 - Get-AzStorageAccountKey,,,
- 4 - \$secretvalue = ConvertTo-SecureString <storageAccountKey> -AsPlainText -Force,,,
- 5 - Get-AzKeyVaultSecret,,,

Reference:

<https://docs.microsoft.com/bs-latn-ba/Azure/key-vault/key-vault-key-rotation-log-monitoring>

NEW QUESTION: 74

A company is developing a gaming platform. Users can join teams to play online and see leaderboards that include player statistics. The solution includes an entity named Team.

You plan to implement an Azure Redis Cache instance to improve the efficiency of data operations for entities that rarely change.

You need to invalidate the cache when team data is changed.

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

NOTE: Each correct selection is worth one point.

```

void ClearCachedTeams()
{
    IDatabase cache = Connection.GetDatabase();
    ICache cache = Connection.GetDatabase();

    cache.KeyDelete("teams");
    cache.StringSet("teams", "");
    cache.ValueDelete("teams");
    cache.StringGet("teams", "");

    ViewBag.nsg += "Team data removed from cache."
}

```

Answer:

```

void ClearCachedTeams()
{
    IDatabase cache = Connection.GetDatabase();
    ICache cache = Connection.GetDatabase();

    cache.KeyDelete("teams");
    cache.StringSet("teams", "");
    cache.ValueDelete("teams");
    cache.StringGet("teams", "");

    ViewBag.nsg += "Team data removed from cache."
}

```

Reference:

<https://azure.microsoft.com/sv-se/blog/lap-around-azure-redis-cache-preview/>

NEW QUESTION: 75

You are configuring a development environment for your team. You deploy the latest Visual Studio image from the Azure Marketplace to your Azure subscription.

The development environment requires several software development kits (SDKs) and third-party components to support application development across the organization. You install and customize the deployed virtual machine (VM) for your development team. The customized VM must be saved to allow provisioning of a new team member development environment.

You need to save the customized VM for future provisioning.

Which tools or services should you use? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Action	Tool or service
Generalize the VM.	☐ Azure PowerShell ☐ Visual Studio command prompt ☐ Azure Migrate ☐ Azure Backup
Store images.	☐ Azure Blob Storage ☐ Azure Data Lake Storage ☐ Azure File Storage ☐ Azure Table Storage

Answer:

Answer Area

Action	Tool or service
Generalize the VM.	☒ Azure PowerShell ☐ Visual Studio command prompt ☐ Azure Migrate ☐ Azure Backup
Store images.	☒ Azure Blob Storage ☐ Azure Data Lake Storage ☐ Azure File Storage ☐ Azure Table Storage

Reference:

<https://docs.microsoft.com/en-us/azure/virtual-machines/windows/capture-image-resource#create-an-image-of-a-vm-using-powershell>

NEW QUESTION: 76

You need to add code at line PC26 of Processing.cs to ensure that security policies are met.

How should you complete the code that you will add at line PC26? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

```
var resolver = new KeyVaultKeyResolver(_keyVaultClient);
var keyBundle = await _keyVaultClient.GetKeyAsync("...", "...");
```

```
var key = keyBundle.Key;
var key = keyBundle.KeyIdentifier.Identifier;
var key = await resolver.ResolveKeyAsync("encrypt", null);
var key = await resolver.ResolveKeyAsync(keyBundle.KeyIdentifier.Identifier, CancellationToken.None);
```

```
var x = keyBundle.Managed;
var x = AuthenticationScheme.SharedKey;
var x = new BlobEncryptionPolicy(key, resolver);
var x = new DeleteRetentionPolicy {Enabled = key.Kid != null};
```

```
cloudBlobClient.AuthenticationScheme = x;
cloudBlobClient.DefaultRequestOptions.RequireEncryption = x;
cloudBlobClient.DefaultRequestOptions.EncryptionPolicy = x;
cloudBlobClient.SetServiceProperties(new ServiceProperties(deleteRetentionPolicy:x));
```

Answer:

```
var resolver = new KeyVaultKeyResolver(_keyVaultClient);
var keyBundle = await _keyVaultClient.GetKeyAsync("...", "...");
```

```
var key = keyBundle.Key;
var key = keyBundle.KeyIdentifier.Identifier;
var key = await resolver.ResolveKeyAsync("encrypt", null);
var key = await resolver.ResolveKeyAsync(keyBundle.KeyIdentifier.Identifier, CancellationToken.None);
```

```
var x = keyBundle.Managed;
var x = AuthenticationScheme.SharedKey;
var x = new BlobEncryptionPolicy(key, resolver);
var x = new DeleteRetentionPolicy {Enabled = key.Kid != null};
```

```
cloudBlobClient.AuthenticationScheme = x;
cloudBlobClient.DefaultRequestOptions.RequireEncryption = x;
cloudBlobClient.DefaultRequestOptions.EncryptionPolicy = x;
cloudBlobClient.SetServiceProperties(new ServiceProperties(deleteRetentionPolicy:x));
```

Reference:

<https://github.com/Azure/azure-storage-net/blob/master/Samples/GettingStarted/EncryptionSamples/KeyRotation/Program.cs>

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NEW QUESTION: 77

You need to investigate the Azure Function app error message in the development environment.

What should you do?

- A.** Connect Live Metrics Stream from Application Insights to the Azure Function app and filter the metrics.
- B.** Create a new Azure Log Analytics workspace and instrument the Azure Function app with Application Insights.
- C.** Update the Azure Function app with extension methods from Microsoft.Extensions.Logging to log events by using the log instance.
- D.** Add a new diagnostic setting to the Azure Function app to send logs to Log Analytics.

Answer: (SHOW ANSWER)

Azure Functions offers built-in integration with Azure Application Insights to monitor functions.

The following areas of Application Insights can be helpful when evaluating the behavior, performance, and errors in your functions:

Live Metrics: View metrics data as it's created in near real-time.

Failures

Performance

Metrics

Reference:

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

NEW QUESTION: 78

You develop and deploy an ASP.NET web app to Azure App Service. You use Application Insights telemetry to monitor the app.

You must test the app to ensure that the app is available and responsive from various points around the world and at regular intervals. If the app is not responding, you must send an alert to support staff.

You need to configure a test for the web app.

Which two test types can you use? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A.** integration
- B.** multi-step web
- C.** URL ping
- D.** unit
- E.** load

Answer: B,C (LEAVE A REPLY)

There are three types of availability tests:

URL ping test: a simple test that you can create in the Azure portal.

Multi-step web test: A recording of a sequence of web requests, which can be played back to test more complex scenarios. Multi-step web tests are created in Visual Studio Enterprise and uploaded to the portal for execution.

Reference:

Custom Track Availability Tests: If you decide to create a custom application to run availability tests, the TrackAvailability() method can be used to send the results to Application Insights.

<https://docs.microsoft.com/en-us/azure/azure-monitor/app/monitor-web-app-availability>

NEW QUESTION: 79

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 develop Azure solutions.

You must grant a virtual machine (VM) access to specific resource groups in Azure Resource Manager.

You need to obtain an Azure Resource Manager access token.

Solution: Run the Invoke-RestMethod cmdlet to make a request to the local managed identity for Azure resources endpoint.

Does the solution meet the goal?

A. Yes

B. No

Answer: A ([LEAVE A REPLY](#))

Get an access token using the VM's system-assigned managed identity and use it to call Azure Resource Manager You will need to use PowerShell in this portion.

In the portal, navigate to Virtual Machines and go to your Windows virtual machine and in the Overview, click Connect.

Enter in your Username and Password for which you added when you created the Windows VM.

Now that you have created a Remote Desktop Connection with the virtual machine, open PowerShell in the remote session.

Using the Invoke-WebRequest cmdlet, make a request to the local managed identity for Azure resources endpoint to get an access token for Azure Resource Manager.

Example:

```
$response = Invoke-WebRequest -Uri 'http://169.254.169.254/metadata/identity/oauth2/token?api-version=2018-02-01&resource=https://management.azure.com/' -Method GET -Headers
```

@{Metadata="true"} Reference:

<https://docs.microsoft.com/en-us/azure/active-directory/managed-identities-azure-resources/tutorial-windows-vm-access-arm>

NEW QUESTION: 80

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 are developing a website that will run as an Azure Web App. Users will authenticate by using their Azure Active Directory (Azure AD) credentials.

You plan to assign users one of the following permission levels for the website: admin, normal, and reader. A user's Azure AD group membership must be used to determine the permission level.

You need to configure authorization.

Solution:

Configure and use Integrated Windows Authentication in the website.

In the website, query Microsoft Graph API to load the group to which the user is a member.

Does the solution meet the goal?

A. Yes

B. No

Answer: B ([LEAVE A REPLY](#))

Microsoft Graph is a RESTful web API that enables you to access Microsoft Cloud service resources.

Instead in the Azure AD application's manifest, set value of the groupMembershipClaims option to All. In the website, use the value of the groups claim from the JWT for the user to determine permissions.

Reference:

<https://blogs.msdn.microsoft.com/waws/2017/03/13/azure-app-service-authentication-aad-groups/>

NEW QUESTION: 81

You use Azure Table storage to store customer information for an application. The data contains customer details and is partitioned by last name. You need to create a query that returns all customers with the last name Smith. Which code segment should you use?

- A. `TableQuery.GenerateFilterCondition("PartitionKey", Equals, "Smith")`
- B. `TableQuery.GenerateFilterCondition("LastName", Equals, "Smith")`
- C. `TableQuery.GenerateFilterCondition("PartitionKey", QueryComparisons.Equal, "Smith")`
- D. `TableQuery.GenerateFilterCondition("LastName", QueryComparisons.Equal, "Smith")`

Answer: C (LEAVE A REPLY)

Retrieve all entities in a partition. The following code example specifies a filter for entities where 'Smith' is the partition key. This example prints the fields of each entity in the query results to the console.

Construct the query operation for all customer entities where PartitionKey="Smith".

`TableQuery<CustomerEntity> query = new TableQuery<CustomerEntity>().Where(TableQuery.GenerateFilterCondition("PartitionKey", QueryComparisons.Equal, "Smith"));` Reference: <https://docs.microsoft.com/en-us/azure/cosmos-db/table-storage-how-to-use-dotnet>

NEW QUESTION: 82

Your company has several websites that use a company logo image. You use Azure Content Delivery Network (CDN) to store the static image.

You need to determine the correct process of how the CDN and the Point of Presence (POP) server will distribute the image and list the items in the correct order.

In which order do the actions occur? To answer, move all actions from the list of actions to the answer area and arrange them in the correct order.

Actions

A user requests the image from the CDN URL. The DNS routes the request to the best performing POP location.

Subsequent requests for the file may be directed to the same POP using the CDN logo image URL. The POP edge server returns the files from cache if the TTL has not expired.

If no edge servers in the POP have the image in cache, the POP requests the file from the origin server.

The origin server returns the logo image to an edge server in the POP. An edge server in the POP caches the logo image and returns the image to the client.

Answer Area

⬅

➡

⬆

⬆

Answer:

Answer Area

A user requests the image..

If no edge servers in the POP have the

The origin server returns the..

Subsequent requests for..

- 1 - A user requests the image..
- 2 - If no edge servers in the POP have the..
- 3 - The origin server returns the..
- 4 - Subsequent requests for..

Reference:

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

NEW QUESTION: 83

You are developing a web application by using the Azure SDK. The web application accesses data in a zone-redundant BlobStorage storage account. The application must determine whether the data has changed since the application last read the data. Update operations must use the latest data changes when writing data to the storage.....

You need to implement the update operations.

Which values should you use? To answer, select the appropriate option in the answer area.

NOTE Each correct selection is worth one point.

Answer:

See the answer in below image.



Code evaluation	Value
HTTP Header value	VersionId
Conditional header	If-Match

NEW QUESTION: 84

You are developing a Docker/Go using Azure App Service Web App for Containers. You plan to run the container in an App Service on Linux. You identify a Docker container image to use.

None of your current resource groups reside in a location that supports Linux. You must minimize the number of resource groups required.

You need to create the application and perform an initial deployment.

Which three Azure CLI commands should you use to develop the solution? To answer, move the appropriate commands from the list of commands to the answer area and arrange them in the correct order.

Azure CLI Commands

Answer Area

- az group create
- az group update
- az webapp update
- az webapp create
- az appservice plan create



Answer:

Answer Area

az group create

az appservice plan create

az webapp create

- 1 - az group create
- 2 - az appservice plan create
- 3 - az webapp create

Reference:
<https://docs.microsoft.com/mt-mt/azure/app-service/containers/quickstart-docker-go?view=sql-server-ver15>

NEW QUESTION: 85

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution. Determine whether the solution meets the stated goals. You are developing and deploying several ASP.Net web applications to Azure App Service. You plan to save session state information and HTML output. You must use a storage mechanism with the following requirements:

- * Share session state across all ASP.NET web applications
- * Support controlled, concurrent access to the same session state data for multiple readers and a single writer
- * Save full HTTP responses for concurrent requests

You need to store the information.

Proposed Solution: Add the web applications to Docker containers. Deploy the containers. Deploy the containers to Azure Kubernetes Service (AKS).

Does the solution meet the goal?

- A. Yes
- B. No

Answer: B (LEAVE A REPLY)

Instead use Azure Cache for Redis.

Note: Azure Cache for Redis provides a session state provider that you can use to store your session state in-memory with Azure Cache for Redis instead of a SQL Server database. To use the caching session state provider, first configure your cache, and then configure your ASP.NET application for cache using the Azure Cache for Redis Session State NuGet package.

Reference:

<https://docs.microsoft.com/en-us/azure/azure-cache-for-redis/cache-aspnet-session-state-provider>

NEW QUESTION: 86

QUESTION 1

You need to correct the RequestUserApproval Function app error.

What should you do?

- A. Update line RA13 to use the async keyword and return an HttpRequest object value.
- B. Configure the Function app to use an App Service hosting plan. Enable the Always On setting of the hosting plan.
- C. Update the function to be stateful by using Durable Functions to process the request payload.
- D. Update the functionTimeout property of the host.json project file to 15 minutes.

Answer: (SHOW ANSWER)

Async operation tracking

The HTTP response mentioned previously is designed to help implement long-running HTTP async APIs with Durable Functions. This pattern is sometimes referred to as the polling consumer pattern.

Both the client and server implementations of this pattern are built into the Durable Functions HTTP APIs.

Function app

You perform local testing for the RequestUserApproval function. The following error message displays:

'Timeout value of 00:10:00 exceeded by function: RequestUserApproval'

The same error message displays when you test the function in an Azure development environment when you run the following Kusto query:

FunctionAppLogs

| where FunctionName == "RequestUserApproval"

Reference:

<https://docs.microsoft.com/en-us/azure/azure-functions/durable/durable-functions-http-features>

NEW QUESTION: 87

A company is developing a Java web app. The web app code is hosted in a GitHub repository located at <https://github.com/Contoso/webapp>.

The web app must be evaluated before it is moved to production. You must deploy the initial code release to a deployment slot named staging.

You need to create the web app and deploy the code.

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

NOTE: Each correct selection is worth one point.

gitrepo=https://github.com/Contoso/webapp

webappname=businesswebapp

resourcegroupname=BusinessAppResourceGroup

```
az ▼ create --location centralus - --name $resourcegroupname
group create --name $webappname - --resource-group $resourcegroupname
webapp - --sku S3
appservice plan create --name $webappname - --resource-group $resourcegroupname
webapp deployment slot \ - --plan $webappname
webapp deployment source create --name $webappname - --resource-group $resourcegroupname
\ - --slot staging

az ▼ config - --name $webappname - --resource-group $resourcegroupname
group \ - --slot staging - --repo-url
webapp $gitrepo - --branch master - --manual-integration
appservice plan

az ▼

group
webapp
appservice plan
webapp deployment slot
webapp deployment source

az ▼

group
webapp
appservice plan
webapp deployment slot
webapp deployment source

az ▼

group
webapp
appservice plan
webapp deployment slot
webapp deployment source
```



Answer:

```

gitrepo=https://github.com/contoso/webapp
webappname=businesswebapp
resourcegroupname=BusinessAppResourceGroup

```



az	▼ group webapp appservice plan webapp deployment slot webapp deployment source	<pre> create --location centralus --name \$resourcegroupname create --name \$webappname --resource-group \$resourcegroupname --sku S3 create --name \$webappname --resource-group \$resourcegroupname \ --plan \$webappname create --name \$webappname --resource-group \$resourcegroupname \ --slot staging config --name \$webappname --resource-group \$resourcegroupname \ --slot staging --repo-url \$gitrepo --branch master --manual-integration </pre>
az	▼ group webapp appservice plan webapp deployment slot webapp deployment source	
az	▼ group webapp appservice plan webapp deployment slot webapp deployment source	
z	▼ group webapp appservice plan webapp deployment slot webapp deployment source	
az	▼ group webapp appservice plan webapp deployment slot webapp deployment source	

Reference:

<https://docs.microsoft.com/en-us/azure/app-service/scripts/cli-deploy-staging-environment>

NEW QUESTION: 88

You have an Azure Batch project that processes and converts files and stores the files in Azure storage. You are developing a function to start the batch job. You add the following parameters to the function.

Parameter name	Description
fileTasks	a list of tasks to be run
jobId	the identifier that must be assigned to the job
outputContainerSasUrl	a storage SAS URL to store successfully converted files
failedContainerSasUrl	a storage SAS URL to store copies of files that failed to convert

You must ensure that converted files are placed in the container referenced by the outputContainerSasUrl parameter. Files which fail to convert are placed in the container referenced by the failedContainerSasUrl parameter.

You need to ensure the files are correctly processed.

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

NOTE: Each correct selection is worth one point.

Answer Area

```

public List<CloudTask> StartTasks(List<FileTask> fileTasks, string jobId,
    string outputContainerSasUrl, string failedContainerSasUrl)
{
    BatchSharedKeyCredentials sharedKeyCredentials =
        new BatchSharedKeyCredentials(batchAccountUrl, batchAccountName,
batchAccountKey);
    List<CloudTask> tasks = new List<CloudTask>();
    using (BatchClient batchClient = BatchClient.Open(sharedKeyCredentials))
    {
        CloudJob = batchClient.JobOperations.  ();

        job.Id = jobId,
        job.PoolInformation = new PoolInformation { PoolId = poolId };
        job.Commit();
        fileTasks.ForEach((fileTask) =>
        {
            string taskId = $"Task{DateTime.Now.ToFileTimeUtc().ToString()}";
            CloudTask task = new CloudTask (taskId, fileTask.Command);
            List<OutputFile> outputFileList = new List<OutputFile>();
            OutputFileBlobContainerDestination outputContainer =
                new OutputFileBlobContainerDestination(outputContainerSasUrl);
            OutputFileBlobContainerDestination failedContainer =
                new OutputFileBlobContainerDestination (failedContainerSasUrl);
            outputFileList.Add(new OutputFile(fileTask.Output,
                new OutputFileDestination(outputContainer),
                new OutputFileUploadOptions(OutputFileUploadCondition.  ));

            outputFileList.Add(new OutputFile(fileTask.Output,
                new OutputFileDestination(failedContainer)

```

- GetJob
- GetTask
- EnableJob
- CreateJob

- TaskSuccess
- TaskFailure
- TaskCompletion

```

new OutputFileDestination(failedContainer),
new OutputFileUploadOptions(OutputFileUploadCondition,
task
task.Add(task);
});
]
return tasks,
}

```

▼

TaskSuccess
TaskFailure
TaskCompletion

▼

OutputFiles
FilesToStage
ResourceFiles
StageFiles

Answer:

Answer Area

```

public List<CloudTasks> StartTasks(List<FileTask> fileTasks, string jobId,
string outputContainerSasUrl, string failedContainerSasUrl)
{
    BatchSharedKeyCredentials sharedKeyCredentials =
    new BatchSharedKeyCredentials(batchAccountUrl, batchAccountName,
batchAccountKey);
    List<CloudTask> tasks = new List<CloudTask>();
    using (BatchClient batchClient = BatchClient.Open(sharedKeyCredentials))
    {
        CloudJob = batchClient.JobOperations.
        job.Id = jobId,
        job.PoolInformation = new PoolInformation { PoolId = poolId };
        job.Commit();
        fileTasks.ForEach((fileTask) =>
        {
            string taskId = $"Task{DateTime.Now.ToFileTimeUtc().ToString()}";
            CloudTask task = new CloudTask (taskId, fileTask.Command);
            List<OutputFile> outputFileList = new List<OutputFile>();
            OutputFileBlobContainerDestination outputContainer =
            new OutputFileBlobContainerDestination(outputContainerSasUrl);
            OutputFileBlobContainerDestination failedContainer =
            new OutputFileBlobContainerDestination (failedContainerSasUrl);
            outputFileList.Add(new OutputFile(fileTask.Output,
            new OutputFileDestination(outputContainer),
            new OutputFileUploadOptions(OutputFileUploadCondition,

```

▼

GetJob
GetTask
EnableJob
CreateJob



freep

```

outputFileList.Add(new OutputFile(fileTask.Output,
    new OutputFileDestination(failedContainer),
    new OutputFileUploadOptions(OutputFileUploadCondition,
        task,
        TaskSuccess,
        TaskFailure,
        TaskCompletion)));

task = OutputFiles;
task.Add(task);
});
return tasks;
}

```

task

- OutputFiles
- FilesToStage
- ResourceFiles
- StageFiles

TaskSuccess

TaskFailure

TaskCompletion

Reference:

<https://docs.microsoft.com/en-us/dotnet/api/microsoft.azure.batch.protocol.models.outputfileuploadcondition>

<https://docs.microsoft.com/en-us/azure/batch/batch-task-output-files>

NEW QUESTION: 89

You are developing a .NET Core model-view controller (MVC) application hosted on Azure for a health care system that allows providers access to their information.

You develop the following code:

```

services.AddAuthorization (options =>
{
    options.AddPolicy("ProviderPartner", policy =>
    {
        .policy.AddAuthenticationSchemes("Cookie, Bearer");
        policy.RequireAuthenticatedUser();
        policy.RequireRole("ProviderAdmin", "SysAdmin");
        policy.RequireClaim("editor", "partner");
    });
});

```

Microsoft

You define a role named SysAdmin.

You need to ensure that the application meets the following authorization requirements:

Allow the ProviderAdmin and SysAdmin roles access to the Partner controller regardless of whether the user holds an editor claim of partner.

Limit access to the Manage action of the controller to users with an editor claim of partner who are also members of the SysAdmin role.

How should you complete the code? To answer, drag the appropriate code segments to the correct locations. Each code segment 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.

```
[Authorize(Role = "ProviderAdmin")]
[Authorize(Role = "SysAdmin")]

public class PartnerController : Controller
{
    . . .

    [Authorize(Policy = "ProviderEditor", Role= "SysAdmin")]

    Public ActionResult Manage ()
    {
        . . .
    }
}
```

Answer:

```
[Authorize(Role = "ProviderAdmin")]
[Authorize(Role = "SysAdmin")]

public class PartnerController : Controller
{
    . . .

    [Authorize(Role = "ProviderAdmin")]
    [Authorize(Role = "SysAdmin")]

    Public ActionResult Manage ()
    {
        . . .
    }
}
```

NEW QUESTION: 90

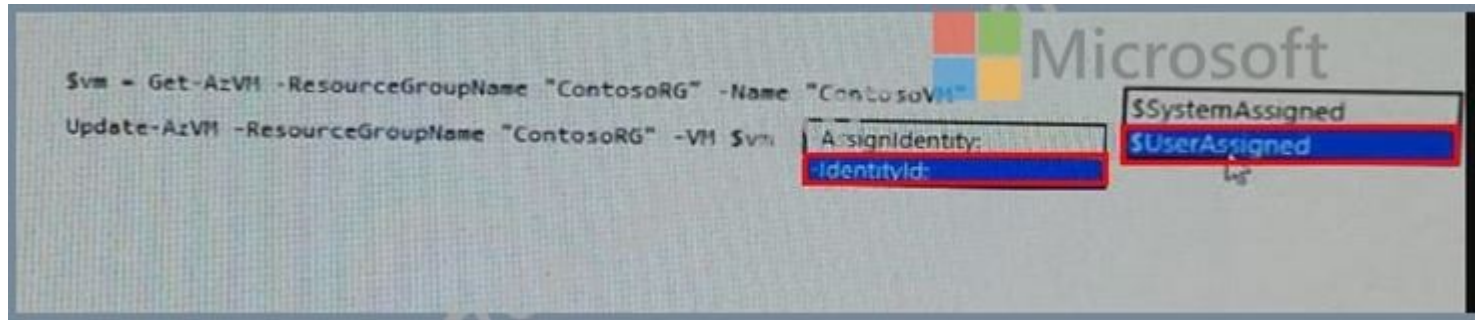
You are developing an application that needs access to an Azure virtual machine (VM). The access lifecycle for the application must be associated with the VM service instance. You need to enable managed identity for the VM.

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

NOTE Each correct selection is worth one point.

```
$vm = Get-AzVM -ResourceGroupName "ContosoRG" -Name "ContosoVM"
Update-AzVM -ResourceGroupName "ContosoRG" -VM $vm
```

Answer:



NEW QUESTION: 91

You need to resolve a notification latency issue.

Which two actions should you perform? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. Set Always On to true.
- B. Ensure that the Azure Function is using an App Service plan.
- C. Set Always On to false.
- D. Ensure that the Azure Function is set to use a consumption plan.

Answer: ([SHOW ANSWER](#))

Azure Functions can run on either a Consumption Plan or a dedicated App Service Plan. If you run in a dedicated mode, you need to turn on the Always On setting for your Function App to run properly. The Function runtime will go idle after a few minutes of inactivity, so only HTTP triggers will actually "wake up" your functions. This is similar to how WebJobs must have Always On enabled.

Scenario: Notification latency: Users report that anomaly detection emails can sometimes arrive several minutes after an anomaly is detected.

Anomaly detection service: You have an anomaly detection service that analyzes log information for anomalies. It is implemented as an Azure Machine Learning model. The model is deployed as a web service. If an anomaly is detected, an Azure Function that emails administrators is called by using an HTTP WebHook.

Reference:

<https://github.com/Azure/Azure-Functions/wiki/Enable-Always-On-when-running-on-dedicated-App-Service-Plan>

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NEW QUESTION: 92

You are building a website that is used to review restaurants. The website will use an Azure CDN to improve performance and add functionality to requests.

You build and deploy a mobile app for Apple iPhones. Whenever a user accesses the website from an iPhone, the user must be redirected to the app store.

You need to implement an Azure CDN rule that ensures that iPhone users are redirected to the app store.

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.

Answer Area

```
"conditions": [ {  
  "name": "IsDevice",  
  "parameters": {  
    "@odata.type": "#Microsoft.Azure.Cdn.Models.  
    "operator": "Equal"  
    "matchValues": [ "  " ]  
  } },  
  {  
    "name": "RequestHeader",  
    "parameters": {  
      "@odata.type": "#Microsoft.Azure.Cdn.Models.  
      "operator": "Contains",  
      "selector": "  ",  
      "matchValues": [ "  " ]  
    } }  
  ]  
}
```

iOS
Mobile
iPhone
Desktop

DeliveryRuleDeviceConditionParameters
DeliveryRuleCookiesConditionParameters
DeliveryRulePostArgsConditionParameters
DeliveryRuleRequestHeaderConditionParameters

FROM
PRAGMA
X-POWERED-BY
HTTP_USER_AGENT

iOS
Mobile
iPhone
Desktop

Microsoft

Answer:

Answer Area

```
"conditions": [ {
  "name": "IsDevice",
  "parameters": {
    "@odata.type": "#Microsoft.Azure.Cdn.Models.",
    "operator": "Equal"
    "matchValues": [ "
  }
}, {
  "name": "RequestHeader",
  "parameters": {
    "@odata.type": "#Microsoft.Azure.Cdn.Models.",
    "operator": "Contains",
    "selector": "
  }
}, {
  "name": "Device",
  "parameters": {
    "@odata.type": "#Microsoft.Azure.Cdn.Models.",
    "operator": "Equal"
    "matchValues": [ "
  }
} ]
```

DeliveryRulesDeviceConditionParameters

DeliveryRuleCookiesConditionParameters

DeliveryRulePostArgsConditionParameters

DeliveryRuleRequestHeaderConditionParameters

iOS

Mobile

iPhone

Desktop

FROM

PRAGMA

X-POWERED-BY

HTTP_USER_AGENT

iOS

Mobile

iPhone

Desktop

Reference:

<https://docs.microsoft.com/en-us/azure/active-directory/conditional-access/concept-conditional-access-conditions>

<https://docs.microsoft.com/en-us/azure/active-directory/conditional-access/concept-conditional-access-grant>

NEW QUESTION: 93

You are developing a .NET Core MVC application for customers to research hotels. The application will use Azure Search. The application will search the index by using various criteria to locate documents related to hotels. The index will include search fields for rate, a list of amenities, and distance to the nearest airport.

The application must support the following scenarios for specifying search criteria and organizing results:

- * Search the index by using regular expressions.
- * Organize results by counts for name-value pairs.
- * List hotels within a specified distance to an airport and that fall within a specific price range.

You need to configure the SearchParameters class.

Which properties should you configure? To answer, select the appropriate options in the answer area.

NOTE Each correct selection is worth one point.



Answer:



Reference:

<https://docs.microsoft.com/en-us/dotnet/api/microsoft.azure.search.models.searchparameters>

<https://docs.microsoft.com/en-us/azure/search/query-lucene-syntax>

<https://docs.microsoft.com/en-us/dotnet/api/microsoft.azure.search.models.searchparameters.querytype>

NEW QUESTION: 94

You are developing an Azure Function App that processes images that are uploaded to an Azure Blob container.

Images must be processed as quickly as possible after they are uploaded, and the solution must minimize latency. You create code to process images when the Function App is triggered.

You need to configure the Function App.

What should you do?

- A. Use an App Service plan. Configure the Function App to use an Azure Blob Storage input trigger.
- B. Use a Consumption plan. Configure the Function App to use an Azure Blob Storage trigger.
- C. Use a Consumption plan. Configure the Function App to use a Timer trigger.
- D. Use an App Service plan. Configure the Function App to use an Azure Blob Storage trigger.
- E. Use a Consumption plan. Configure the Function App to use an Azure Blob Storage input trigger.

Answer: (SHOW ANSWER)

The Blob storage trigger starts a function when a new or updated blob is detected. The blob contents are provided as input to the function.

The Consumption plan limits a function app on one virtual machine (VM) to 1.5 GB of memory.

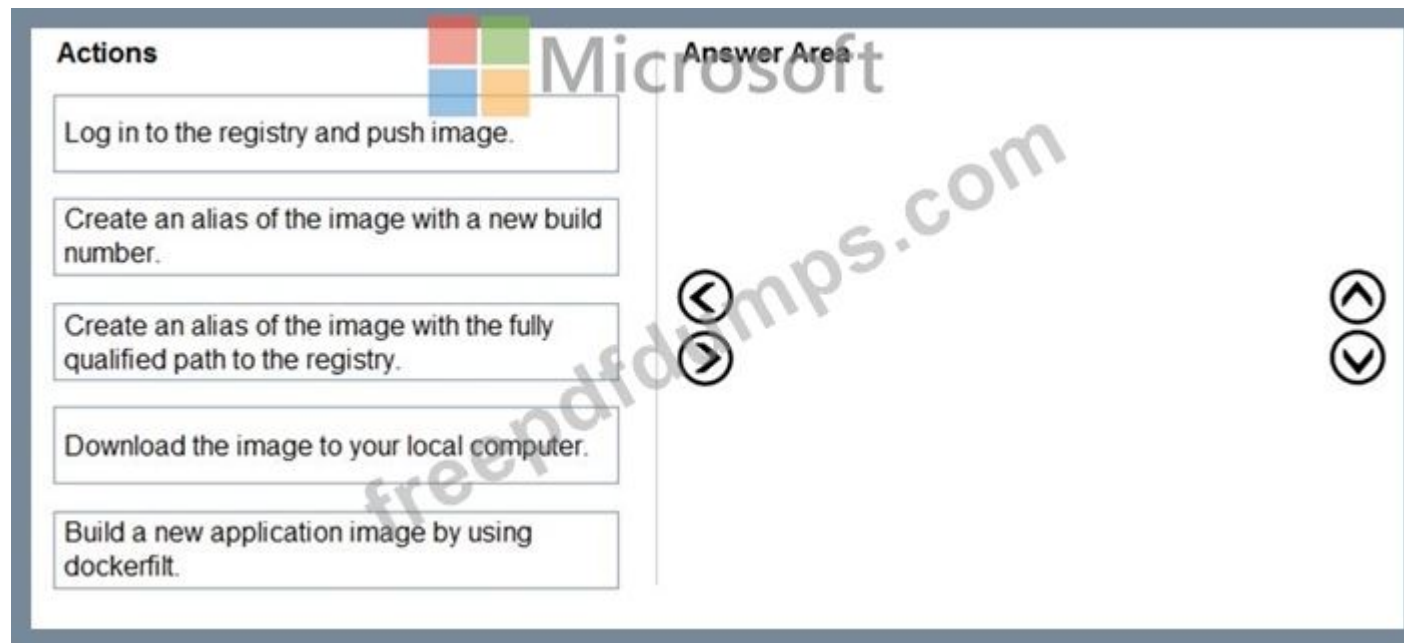
Reference:

<https://docs.microsoft.com/en-us/azure/azure-functions/functions-bindings-storage-blob-trigger>

NEW QUESTION: 95

You need to deploy a new version of the LabelMaker application to ACR.

Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.



Answer:



- 1 - Build a new application image by using dockerfile
- 2 - Create an alias if the image with the fully qualified path to the registry
- 3 - Log in to the registry and push image

Reference:

<https://thorsten-hans.com/how-to-use-a-private-azure-container-registry-with-kubernetes-9b86e67b93b6>

<https://docs.microsoft.com/en-us/azure/container-registry/container-registry-tutorial-quick-task>

NEW QUESTION: 96

A development team is creating a new REST API. The API will store data in Azure Blob storage. You plan to deploy the API to Azure App Service.

Developers must access the Azure Blob storage account to develop the API for the next two months. The Azure Blob storage account must not be accessible by the developers after the two-month time period.

You need to grant developers access to the Azure Blob storage account.

What should you do?

- A.** Generate a shared access signature (SAS) for the Azure Blob storage account and provide the SAS to all developers.
- B.** Create and apply a new lifecycle management policy to include a last accessed date value. Apply the policy to the Azure Blob storage account.
- C.** Provide all developers with the access key for the Azure Blob storage account. Update the API to include the Coordinated Universal Time (UTC) timestamp for the request header.
- D.** Grant all developers access to the Azure Blob storage account by assigning role-based access control (RBAC) roles.

Answer: A (LEAVE A REPLY)

Reference:

<https://docs.microsoft.com/en-us/azure/storage/common/storage-sas-overview>

NEW QUESTION: 97

You are implementing a software as a service (SaaS) ASP.NET Core web service that will run as an Azure Web App. The web service will use an on-premises SQL Server database for storage. The web service also includes a WebJob that processes data updates. Four customers will use the web service.

- * Each instance of the WebJob processes data for a single customer and must run as a singleton instance.
- * Each deployment must be tested by using deployment slots prior to serving production data.
- * Azure costs must be minimized.
- * Azure resources must be located in an isolated network.

You need to configure the App Service plan for the Web App.

How should you configure the App Service plan? To answer, select the appropriate settings in the answer area.

NOTE: Each correct selection is worth one point.

App service plan setting	Value
Number of VM instances	▼ 2 4 8 16
Pricing tier	▼ Isolated Standard Premium Consumption

Answer:

App service plan setting	Value
Number of VM instances	▼ 2 4 8 16
Pricing tier	▼ Isolated Standard Premium Consumption

Reference:

<https://azure.microsoft.com/sv-se/blog/announcing-app-service-isolated-more-power-scale-and-ease-of-use/>

NEW QUESTION: 98

You are developing an application to collect the following telemetry data for delivery drivers: first name, last name, package count, item id, and current location coordinates. The app will ----- Azure Cosmos DB.

You need to configure Azure Cosmos DB to query the data.

Which values should you use? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer:

See the answer in below image.

Answer Area

Configuration parameter	Value
Azure Cosmos DB API	Core (SQL) ▼
Azure Cosmos DB partition key	item id ▼

NEW QUESTION: 99

You are developing an ASP.NET Core app that includes feature flags which are managed by Azure App Configuration. You create an Azure App Configuration store named AppFeatureFlagStore that contains a feature flag named Export.

You need to update the app to meet the following requirements:

Use the Export feature in the app without requiring a restart of the app.

Validate users before users are allowed access to secure resources.

Permit users to access secure resources.

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

NOTE: Each correct selection is worth one point.

Answer Area



```
public void Configure(IApplicationBuilder app, IWebHostEnvironment env)
{
    if (env.IsDevelopment())
    {
        app.UseDeveloperExceptionPage();
    }
    else
    {
        app.UseExceptionHandler("/Error");
    }

    app. [v] ();
    UseAuthentication
    UseStaticFiles
    UseSession
    UseCookiePolicy

    app. [v] ();
    UseAuthorization
    UseHttpsRedirection
    UseSession
    UseCookiePolicy

    app. [v] ();
    UseAzureAppConfiguration
    UseRequestLocalization
    UseCors
    UseStaticFiles

    app.UseEndpoints(endpoints =>
    {
        endpoints.MapRazorPages();
    });
}
```

Answer:

Answer Area

```
public void Configure(IApplicationBuilder app, IWebHostEnvironment env)
{
    if (env.IsDevelopment())
    {
        app.UseDeveloperExceptionPage();
    }
    else
    {
        app.UseExceptionHandler("/Error");
    }

    app. [dropdown] ();
    [dropdown]
    UseAuthentication
    UseStaticFiles
    UseSession
    UseCookiePolicy

    app. [dropdown] ();
    [dropdown]
    UseAuthorization
    UseHttpsRedirection
    UseSession
    UseCookiePolicy

    app. [dropdown] ();
    [dropdown]
    UseAzureAppConfiguration
    UseRequestLocalization
    UseCors
    UseStaticFiles

    app.UseEndpoints(endpoints =>
    {
        endpoints.MapRazorPages();
    });
}
```

Reference:

<https://docs.microsoft.com/en-us/dotnet/api/microsoft.aspnetcore.builder.iapplicationbuilder?view=aspnetcore-5.0>

NEW QUESTION: 100

You are developing an Azure Function App that generates end of day reports (or retail stores. All stores dose at 11 PM each day. Reports must be run one hour after dosing. You configure the function to use a Timer trigger that runs at midnight Customers in the Western United States Pacific Time zone (UTC - 8) report that the Azure Function runs before the stores dose. You need to ensure that the Azure Function runs at midnight in the Pacific Time zone.

What should you do?

A. Change the Timer trigger to run at 7 AM

- B. Configure the Azure Function to run in the West US region.
 - C. Update the Azure Function to a Premium plan.
 - D. Add an app setting named WEBSITE_TIME_ZONE that uses the value Pacific Standard Time
- Answer: B (LEAVE A REPLY)

NEW QUESTION: 101

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

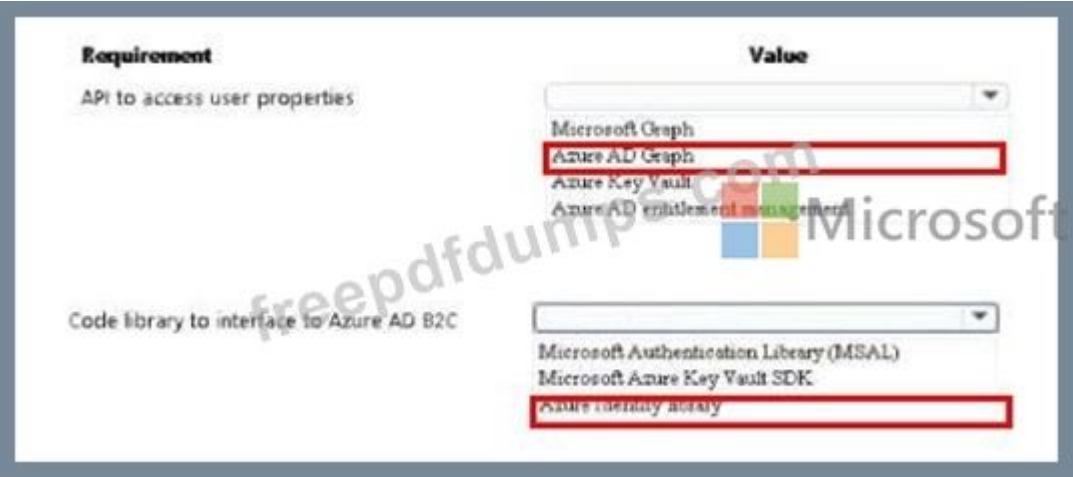
Last name

Office Location

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



Answer:



NEW QUESTION: 102

You are preparing to deploy a medical records application to an Azure virtual machine (VM). The application will be deployed by using a VHD produced by an on-premises build server.

You need to ensure that both the application and related data are encrypted during and after deployment to Azure.

Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions

Encrypt the on-premises VHD by using BitLocker without a TPM. Upload the VM to Azure Storage.

Run the Azure PowerShell command `Set-AzureRmVMDiskEncryptionExtension`.

Run the Azure PowerShell command `Set-AzureRmVMOSDisk`.

Encrypt the on-premises VHD by using BitLocker with a TPM. Upload the VM to Azure Storage.

Run the Azure PowerShell command `New-AzureRmVM`.

Answer area

Answer:

Answer Area

Encrypt the on-premises VHD by using BitLocker without a TPM. Upload the VM to Azure Storage

Run the Azure PowerShell command `Set-AzureRmVMOSDisk`

Run the Azure PowerShell command `Set-AzureRmVMDiskEncryptionExtension`

1 - Encrypt the on-premises VHD by using BitLocker without a TPM. Upload the VM to Azure Storage

2 - Run the Azure PowerShell command `Set-AzureRmVMOSDisk`

3 - Run the Azure PowerShell command `Set-AzureRmVMDiskEncryptionExtension` Reference:

<https://www.itprotoday.com/iaaspaas/use-existing-vhd-azurerms-vm>

NEW QUESTION: 103

You create the following PowerShell script:

```

$source = New-AzScheduledQueryRuleSource -Query 'Heartbeat | where TimeGenerated > ago(1h)' -DataSourceId "contoso"
$schedule = New-AzScheduledQueryRuleSchedule -FrequencyInMinutes 60 -TimeWindowInMinutes 60
$triggerCondition = New-AzScheduledQueryRuleTriggerCondition -ThresholdOperator "LessThan" -Threshold 5
$aznsActionGroup = New-AzScheduledQueryRuleAznsActionGroup -ActionGroup "contoso" -EmailSubject "Custom email subject"
                  -CustomWebhookPayload "{ 'alert': '#alertrulename', 'IncludeSearchResults': true }"
$alertingAction = New-AzScheduledQueryRuleAlertingAction -AznsAction $aznsActionGroup -Severity "3" -Trigger $triggerCondition
New-AzScheduledQueryRule -ResourceGroupName "contoso" -Location "eastus" -Action $alertingAction -Enabled $true
                        -Description "Alert description" -Schedule $schedule -Source $source -Name "Alert Name"

```

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

Statements	Yes	No
A log alert is created that sends an email when the CPU percentage is above 60 percent for five minutes.	☐	☐
A log alert is created that sends an email when the number of virtual machine heartbeats in the past hour is less than five.	☐	☐
The log alert is scheduled to run every two hours.	☐	☐

Answer:

Statements	Yes	No
A log alert is created that sends an email when the CPU percentage is above 60 percent for five minutes.	☐	☒
A log alert is created that sends an email when the number of virtual machine heartbeats in the past hour is less than five.	☒	☐
The log alert is scheduled to run every two hours.	☐	☒

Reference:

<https://docs.microsoft.com/en-us/powershell/module/az.monitor/new-azscheduledqueryrule>

<https://docs.microsoft.com/en-us/powershell/module/az.monitor/new-azscheduledqueryruletriggercondition>

NEW QUESTION: 104

You need to retrieve the database connection string.

Which values should you use? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

REST API Endpoint:

https://	▼	.vault.azure.net/secrets/	▼
cpandlkeyvault		cpandlkeyvault	
PostgreSQLConn		PostgreSQLConn	
80df3e46ffcd4f1cb187f79905e9a1e8		80df3e46ffcd4f1cb187f79905e9a1e8	

Variable type to access Azure Key Vault secret values:

▼
Environment
Session
ViewState
Querystring

Answer:

REST API Endpoint:			
https://	▼	.vault.azure.net/secrets/	▼
cpandlkeyvault		cpandlkeyvault	
PostgreSQLConn		PostgreSQLConn	
80df3e46ffcd4f1cb187f79905e9a1e8		80df3e46ffcd4f1cb187f79905e9a1e8	
Variable type to access Azure Key Vault secret values:			
▼			
Environment			
Session			
ViewState			
Querystring			

Reference:

<https://docs.microsoft.com/en-us/rest/api/keyvault/getsecret/getsecret>

NEW QUESTION: 105

You are developing an Azure Web App. You configure TLS mutual authentication for the web app.

You need to validate the client certificate in the web app. To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Property	Value
Client certificate location	▼ HTTP request header Client cookie HTTP message body URL query string
Encoding type	▼ HTML URL Unicode Base64

Answer:

Property	Value
Client certificate location	▼ HTTP request header Client cookie HTTP message body URL query string
Encoding type	▼ HTML URL Unicode Base64

Reference:

<https://docs.microsoft.com/en-us/azure/app-service/app-service-web-configure-tls-mutual-auth>

NEW QUESTION: 106

You have an existing Azure storage account that stores large volumes of data across multiple containers. You need to copy all data from the existing storage account to a new storage account. The copy process must meet the following requirements:

- Automate data movement.
- Minimize user input required to perform the operation.
- Ensure that the data movement process is recoverable.

What should you use?

- A. AzCopy
- B. Azure Storage Explorer
- C. Azure portal
- D. .NET Storage Client Library

Answer: (SHOW ANSWER)

You can copy blobs, directories, and containers between storage accounts by using the AzCopy v10 command-line utility. The copy operation is synchronous so when the command returns, that indicates that all files have been copied.

Reference:

<https://docs.microsoft.com/en-us/azure/storage/common/storage-use-azcopy-blobs-copy>

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NEW QUESTION: 107

You manage several existing Logic Apps. You need to change definitions, add new logic, and optimize these apps on a regular basis. What should you use? To answer, drag the appropriate tools to the correct functionalities. Each tool 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.

Tools	Functionality	Tool
Logic Apps Designer	Edit B2B workflows	
Code View Editor	Edit definitions in JSON	
Enterprise Integration Pack	Visually add functionality	

Answer:



Reference:

<https://docs.microsoft.com/en-us/azure/logic-apps/logic-apps-enterprise-integration-b2b>

<https://docs.microsoft.com/en-us/azure/logic-apps/logic-apps-author-definitions>

<https://docs.microsoft.com/en-us/azure/logic-apps/logic-apps-overview>

NEW QUESTION: 108

You develop an app that allows users to upload photos and videos to Azure storage. The app uses a storage REST API call to upload the media to a blob storage account named Account1. You have blob storage containers named Container1 and Container2.

Uploading of videos occurs on an irregular basis.

You need to copy specific blobs from Container1 to Container2 when a new video is uploaded.

What should you do?

- A. Copy blobs to Container2 by using the Put Blob operation of the Blob Service REST API
- B. Create an Event Grid topic that uses the Start-AzureStorageBlobCopy cmdlet
- C. Use AzCopy with the Snapshot switch to copy blobs to Container2
- D. Download the blob to a virtual machine and then upload the blob to Container2

Answer: (SHOW ANSWER)

The Start-AzureStorageBlobCopy cmdlet starts to copy a blob.

Example 1: Copy a named blob

C:\PS>Start-AzureStorageBlobCopy -SrcBlob "ContosoPlanning2015" -DestContainer "ContosoArchives" -SrcContainer "ContosoUploads" This command starts the copy operation of the blob named ContosoPlanning2015 from the container named ContosoUploads to the container named ContosoArchives.

Reference:

<https://docs.microsoft.com/en-us/powershell/module/azure.storage/start-azurestorageblobcopy?view=azurermps-6.13.0>

NEW QUESTION: 109

An organization hosts web apps in Azure. The organization uses Azure Monitor You discover that configuration changes were made to some of the web apps. You need to identify the configuration changes. Which Azure Monitor log should you review?

- A. AppServiceAuditLogs
- B. AppServiceApplogs
- C. AppServiceEnvironmentPlatformLogs
- D. AppServiceConsoleLogs

Answer: (SHOW ANSWER)

NEW QUESTION: 110

You are deploying an Azure Kubernetes Services (AKS) cluster that will use multiple containers.

You need to create the cluster and verify that the services for the containers are configured correctly and available.

Which four commands should you use to develop the solution? To answer, move the appropriate command segments from the list of command segments to the answer area and arrange them in the correct order.

Command segments

az aks get-credentials

az appservice plan create

az aks create

az group create

kubectl apply

Answer Area

⬅

➡

⬆

⬆

Answer:

Answer Area

az group create

az aks create

kubectl apply

az aks get-credentials

- 1 - az group create
- 2 - az aks create
- 3 - kubectl apply
- 4 - az aks get-credentials

Reference:
<https://docs.bitnami.com/azure/get-started-aks/>

NEW QUESTION: 111

You develop a containerized application. You plan to deploy the application to a new Azure Container instance by using a third-party continuous integration and continuous delivery (CI/CD) utility. The deployment must be unattended and include all application assets. The third-party utility must only be able to push and pull images from the registry. The authentication must be managed by Azure Active Directory (Azure AD). The solution must use the principle of least privilege.

You need to ensure that the third-party utility can access the registry.
Which authentication options should you use? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

Authentication	Option
Registry authentication method	Service principal Individual identity Repository-scoped access token Managed identity for Azure resources
RBAC role	AcrPull Owner AcrPush Contributor

Answer:

Authentication	Option
Registry authentication method	Service principal Individual identity Repository-scoped access token Managed identity for Azure resources
RBAC role	AcrPull Owner AcrPush Contributor

Reference:
<https://docs.microsoft.com/en-us/azure/container-registry/container-registry-authentication?tabs=azure-cli>
<https://docs.microsoft.com/en-us/azure/container-registry/container-registry-roles?tabs=azure-cli>

NEW QUESTION: 112

You have an Azure Cosmos 06 instance that uses the Strong consistency level and 10,000 Request Units (RUs) per container. <3eo-replication is enabled. The instance stores restaurant information including location, menu items, and start. You currently store information for 1,000 restaurant locations, 500 menu items, and 10,000 staff members. You select the location id as the partition key.

How many logical partitions will be created for the container?

- A. 10,000,000
- B. 1,100
- C. 500
- D. 10.000

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 113

Your company is designing an application named App1 that will use data from Azure SQL Database. App1 will be accessed over the internet by many users.

You need to recommend a solution for improving the performance of App1.

What should you include in the recommendation?

- A. ExpressRoute
- B. Azure HPC cache
- C. Azure Cache for Redis
- D. a CON profile

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 114

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

- A. Yes
- B. No

Answer: B ([LEAVE A REPLY](#))

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.

Reference:

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

NEW QUESTION: 115

You provide an Azure API Management managed web service to clients. The back end web service implements HTTP Strict Transport Security (HSTS).

Every request to the backend service must include a valid HTTP authorization header.

You need to configure the Azure API Management instance with an authentication policy.

Which two policies can you use? Each correct answer presents a complete solution NOTE: Each correct selection is worth one point.

- A. Basic Authentication
- B. OAuth Client Credential Grant
- C. Certificate Authentication
- D. Digest Authentication

Answer: B,D (LEAVE A REPLY)

NEW QUESTION: 116

Your company is developing an Azure API.
You need to implement authentication for the Azure API. You have the following requirements:
All API calls must be secure.
Callers to the API must not send credentials to the API.
Which authentication mechanism should you use?

- A. Basic
- B. Anonymous
- C. Managed identity
- D. Client certificate

Answer: (SHOW ANSWER)

Use the authentication-managed-identity policy to authenticate with a backend service using the managed identity of the API Management service. This policy essentially uses the managed identity to obtain an access token from Azure Active Directory for accessing the specified resource. After successfully obtaining the token, the policy will set the value of the token in the Authorization header using the Bearer scheme.

Reference:
<https://docs.microsoft.com/bs-cyrl-ba/azure/api-management/api-management-authentication-policies>

NEW QUESTION: 117

Contoso, Ltd. provides an API to customers by using Azure API Management (APIM). The API authorizes users with a JWT token.
You must implement response caching for the APIM gateway. The caching mechanism must detect the user ID of the client that accesses data for a given location and cache the response for that user ID.
You need to add the following policies to the policies file:
* a set-variable policy to store the detected user identity
* a cache-lookup-value policy
* a cache-store-value policy
* a find-and-replace policy to update the response body with the user profile information To which policy section should you add the policies? To answer, drag the appropriate sections to the correct

Policy section

Inbound

Outbound

Answer Area

Policy

Set-variable

Cache-lookup-value

Cache-store-value

Find-and-replace

Policy section

policy section

policy section

policy section

policy section

Answer:



Reference:

<https://docs.microsoft.com/en-us/azure/api-management/api-management-caching-policies>

<https://docs.microsoft.com/en-us/azure/api-management/api-management-sample-cache-by-key>

NEW QUESTION: 118

You need to design network connectivity for a subnet in an Azure virtual network. The subnet will contain 30 virtual machines. The virtual machines will establish outbound connections to internet hosts by using the same a pool of four public IP addresses, inbound connections to the virtual machines will be prevented.

What should include in the design?

- A. NAT Gateway
- B. Azure Private Link
- C. Azure Virtual WAN
- D. User Defined Routes

Answer: C ([LEAVE A REPLY](#))

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