Microsoft.AZ-204.v2023-05-27.q252

Exam Code:	AZ-204
Exam Name:	Developing Solutions for Microsoft Azure
Certification Provider:	Microsoft
Free Question Number:	252
Version:	v2023-05-27
# of views:	2007
# of Questions views:	2520
https://www.exam-tests.com/AZ-204-exam/Microsoft.AZ-204.v2023-05-27.q252.html	

NEW QUESTION: 1
You are building a website to access project data related to terms within your organization. The website does not allow anonymous access. Authentication performed using an Azure Active Directory (Azure AD) app named internal.
The website has the following authentication requirements:
* Azure AD users must be able to login to the website.
* Personalization of the website must be based on membership in Active Directory groups.
You need to configure the application's manifest to meet the authentication requirements.
How should you configure the manifest? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

Answer:

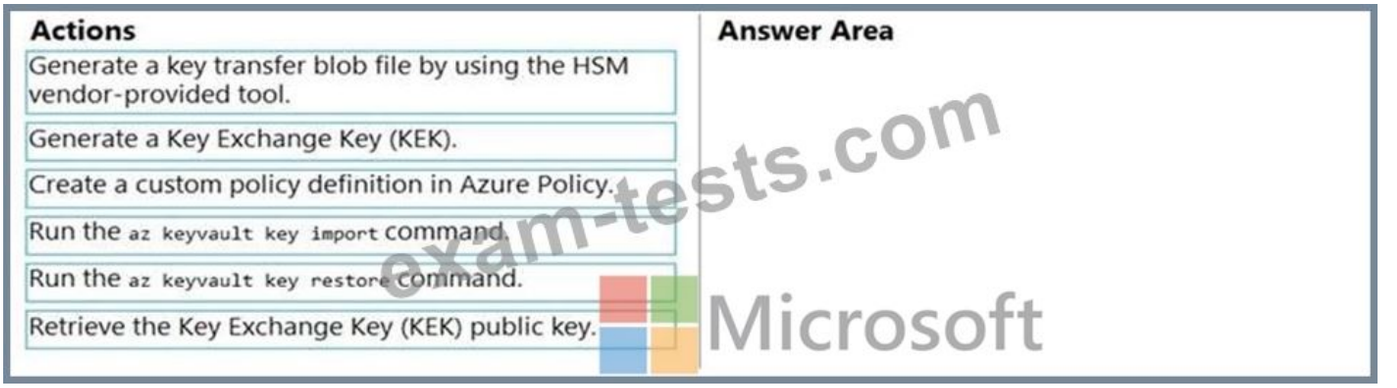
NEW QUESTION: 2

You are developing an Azure-hosted application that must use an on-premises hardware security module (HSM) key.

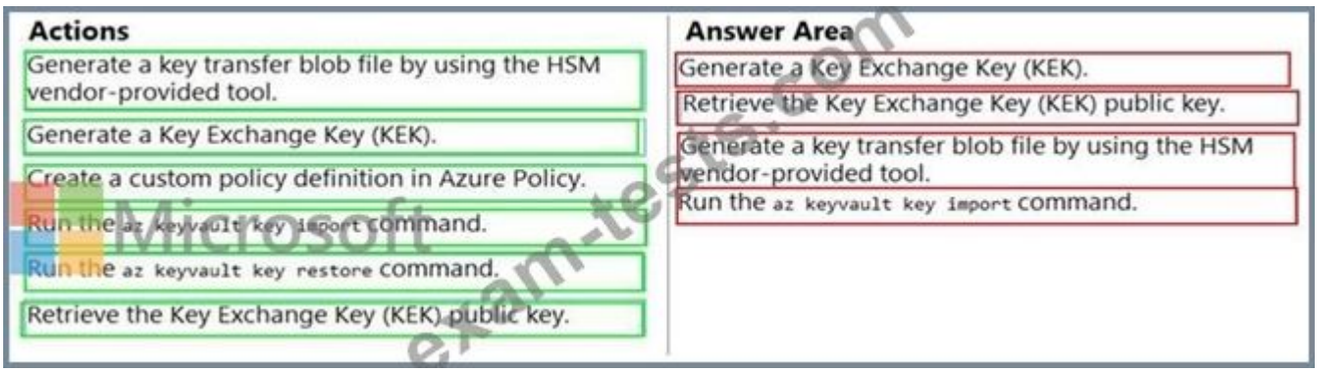
The key must be transferred to your existing Azure Key Vault by using the Bring Your Own Key (BYOK) process.

You need to securely transfer the key to Azure Key Vault.

Which four 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:



Reference:
https://docs.microsoft.com/en-us/azure/key-vault/keys/byok-specification

NEW QUESTION: 3
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution. 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: Deploy and configure Azure Cache for Redis. Update the web applications.
Does the solution meet the goal?
A. Yes
B. No
Answer: A (LEAVE A REPLY)
The session state provider for Azure Cache for Redis enables you to share session information between different instances of an ASP.NET web application.
The same connection can be used by multiple concurrent threads.
Redis supports both read and write operations.
The output cache provider for Azure Cache for Redis enables you to save the HTTP responses generated by an ASP.NET web application.
Note: Using the Azure portal, you can also configure the eviction policy of the cache, and control access to the cache by adding users to the roles provided. These roles, which define the operations that members can perform, include Owner, Contributor, and Reader. For example, members of the Owner role have complete control over the cache (including security) and its contents, members of the Contributor role can read and write information in the cache, and members of the Reader role can only retrieve data from the cache.
Reference:

https://docs.microsoft.com/en-us/azure/architecture/best-practices/caching Connect to and consume Azure services and third-party services Testlet 1 Case study 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
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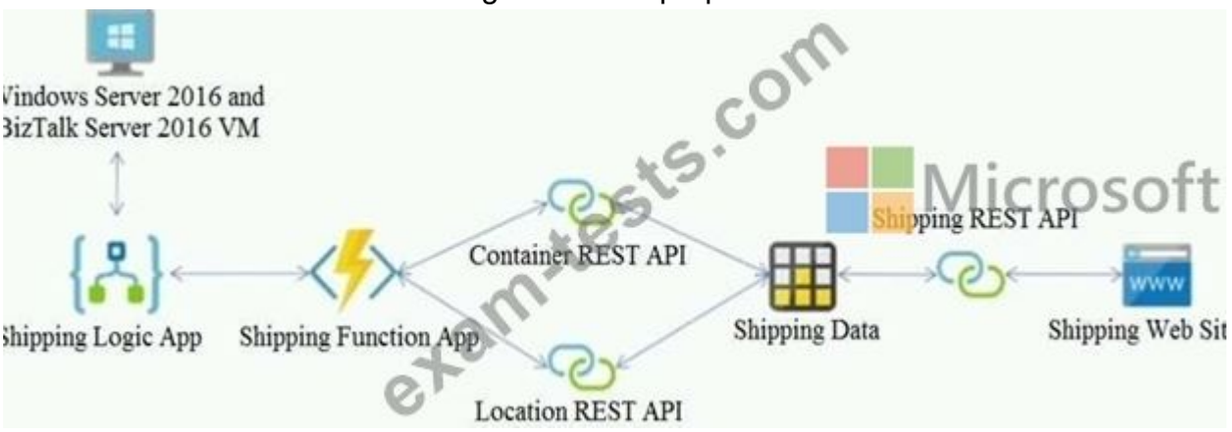
Current environment
Windows Server 2016 virtual machine
This virtual machine (VM) runs BizTalk Server 2016. The VM runs the following workflows:
* Ocean Transport - This workflow gathers and validates container information including container contents and arrival notices at various shipping ports.
* 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 trucking 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: 4
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; }
```

- [IsFiltrable, IsSortable, IsSearchable]
- [IsFilterable, IsSortable, IsFacetable]
- [IsFiltrable, IsSortable, Key]
- [IsFilteranle, IsSortable, IsSearchable, Required]

```
 public double Rating { get; set; }
```

- [IsSearchable, IsFilterable, IsFacetable]
- [IsFilterbale, 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; }
```

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Answer:

```
[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; }
```

- [IsFiltrable, IsSortable, IsSearchable]
- [IsFilterable, IsSortable, IsFacetable]
- [IsFiltrable, IsSortable, Key]
- [IsFilteranle, IsSortable, IsSearchable, Required]

```
public double Rating { get; set; }
```

- [IsSearchable, IsFilterable, IsFacetable]
- [IsFilterbale, IsSortable, Key]
- [IsFilterable, IsSortable, IsSearchable]
- [IsFilterable, IsSortable, Key, Required]

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

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[IsFilterable, IsSortable, Key, Required]
[IsSearchable, IsSortable, IsFacetable]
[IsFilterable, IsSortable, Key, IsSearchable]
[IsFilterable, IsFacetable]

```
public bool FamilyFriendly { get; set; }
```

Explanation

Answer Area

```
[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; }
```

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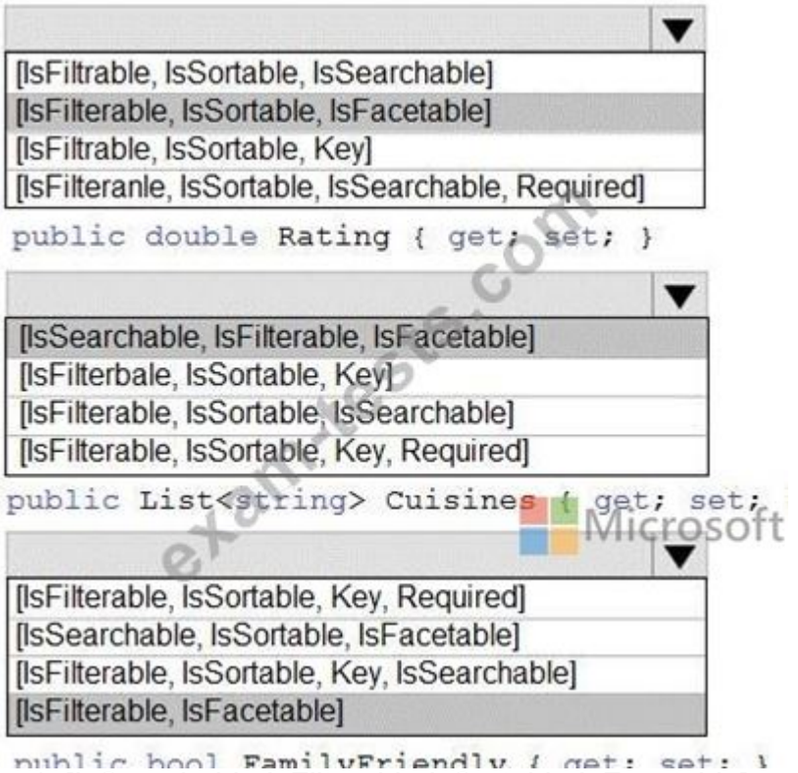

Box 1: [IsSearchable.IsFilterable.IsSortable,IsFacetable]

Location

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.

Box 2: [IsSearchable.IsFilterable.IsSortable,Required]

Description

Users must be able to search for restaurants by name, description, location, and cuisine.

All words in descriptions must be included in searches.

Box 3: [IsFilterable,IsSortable,IsFaceTable]

Rating

Users must be able to narrow the results further by location, cuisine, rating, and family-friendliness.

Box 4: [IsSearchable.IsFilterable,IsFacetable]

Cuisines

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.

Box 5: [IsFilterable,IsFacetable]

FamilyFriendly

Users must be able to narrow the results further by location, cuisine, rating, and family-friendliness.

References:

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

NEW QUESTION: 5
You need to support the requirements for the Shipping Logic App.
What should you use?
A. Azure Active Directory Application Proxy
B. Point-to-Site (P2S) VPN connection
C. Site-to-Site (S2S) VPN connection
D. On-premises Data Gateway
Answer: D (LEAVE A REPLY)
Explanation
Before you can connect to on-premises data sources from Azure Logic Apps, download and install the on-premises data gateway on a local computer. The gateway works as a bridge that provides quick data transfer and encryption between data sources on premises (not in the cloud) and your logic apps.
The gateway supports BizTalk Server 2016.
Note: Microsoft have now fully incorporated the Azure BizTalk Services capabilities into Logic Apps and Azure App Service Hybrid Connections.
Logic Apps Enterprise Integration pack bring some of the enterprise B2B capabilities like AS2 and X12, EDI standards support Scenario: 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.
Reference:
https://docs.microsoft.com/en-us/azure/logic-apps/logic-apps-gateway-install
Topic 2, ContentAnalysisService
Case study
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Requirements

ContentAnalysisService

The company's data science group built ContentAnalysisService which accepts user generated content as a string and returns a probable value for inappropriate content. Any values over a specific threshold must be reviewed by an employee of Contoso, Ltd.

You must create an Azure Function named CheckUserContent to perform the content checks.

Costs

You must minimize costs for all Azure services.

Manual review

To review content, the user must authenticate to the website portion of the ContentAnalysisService using their Azure AD credentials. The website is built using React and all pages and API endpoints require authentication.

In order to review content a user must be part of a ContentReviewer role. All completed reviews must include the reviewer's email address for auditing purposes.

High availability

All services must run in multiple regions. The failure of any service in a region must not impact overall application availability.

Monitoring

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

Security

You have the following security requirements:

* Any web service accessible over the Internet must be protected from cross site scripting attacks.
* All websites and services must use SSL from a valid root certificate authority.
* Azure Storage access keys must only be stored in memory and must be available only to the service.
* All Internal services must only be accessible from Internal Virtual Networks (VNets)
* All parts of the system must support inbound and outbound traffic restrictions.
* All service calls must be authenticated by using Azure AD.

User agreements

When a user submits content, they must agree to a user agreement. The agreement allows employees of Contoso.Ltd to review content, store cookies on user devices and track user's IP addresses.

Information regarding agreements is used by multiple divisions within Contoso, Ltd.

User responses must not be lost and must be available to all parties regardless of individual

service uptime.

The volume of agreements is expected to be in the millions per hour.

Validation testing

When a new version of the ContentAnalysisService is available the previous seven days of content must be processed with the new version to verify that the new version does not significantly deviate from the old version.

Issues

Users of the ContentUploadService report that they occasionally see HTTP 502 responses on specific pages.

Code

ContentUploadService

```
CS01 apiVersion: '2018-10-01'
CS02 type: Microsoft.ContainerInstance/containerGroups
CS03 location : westus
CS04 name : contentUploadService
CS05 properties :
CS06      containers:
CS07      - name: service
CS08          properties:
CS09          image: contoso/contentUploadService:latest
CS10          ports:
CS11          -  port: 80
CS12             protocol: TCP
CS13          resources:
CS14            requests:
CS15               cpw: 1.0
CS16               memoryInGb: 1.5
CS17
CS18 ipaddress:
CS19      ip: 10.23.121.112
CS20      ports:
CS21        - port: 80
CS22          protocol : TCP
CS23
CS24
CS25 networkProfile
CS26 id :
/subscriptions/98..19/resourceGroups/container/providers/Microsoft.Network/networkProfiles/subnet
```

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```
AM01 {
AM02      "id" : "2b079f03-9b06-2d44-98bb-e9182901fcb6",
AM03      "appId" : "7118a7f0-b5c2-4c9d-833c-3d711396fe65",
AM04
AM05      "createdDateTime" : "2019-12-24T06:01:44Z",
AM06      "logoUrl" : null,
AM07      "logoutUrl" : null,
AM08      "name" : "ContentAnalysisService",
AM09
AM10
AM11      "orgRestrictions" : [],
AM12      "parentalControlSettings" : {
AM13       "countriesBlockedForMinors" : [],
AM14         "legalAgeGroupRule" : "Allow"
AM15      },
AM16      "passwordCredentials" : []
AM17 }
```

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NEW QUESTION: 6

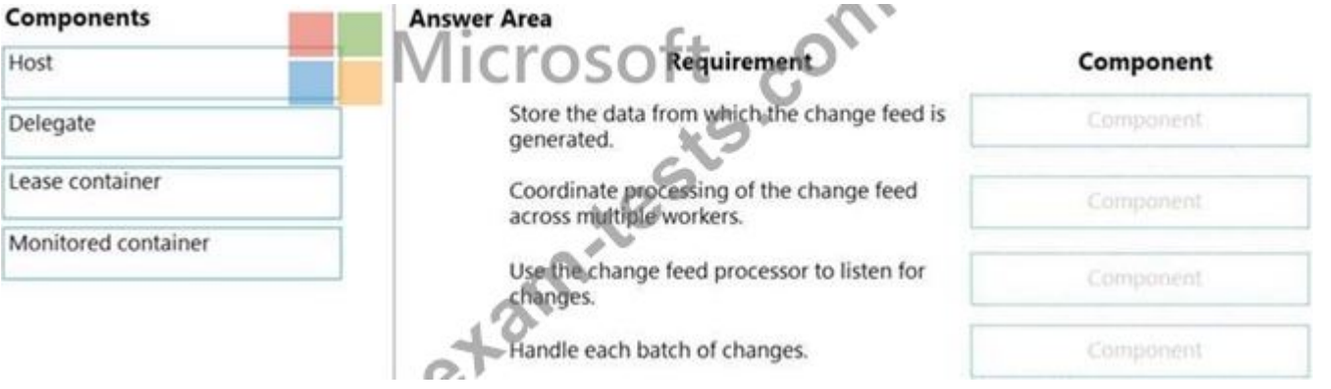
You develop an Azure solution that uses Cosmos DB.

The current Cosmos DB container must be replicated and must use a partition key that is optimized for queries.

You need to implement a change feed processor solution.

Which change feed processor components should you use? To answer, drag the appropriate components to the correct requirements. Each component 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 the content.

NOTE: Each correct selection is worth one point.



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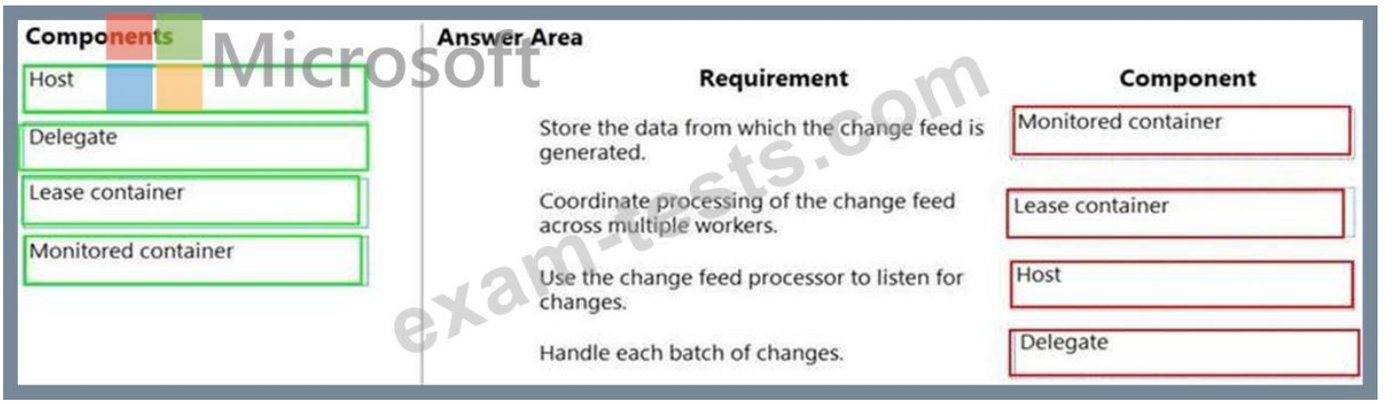
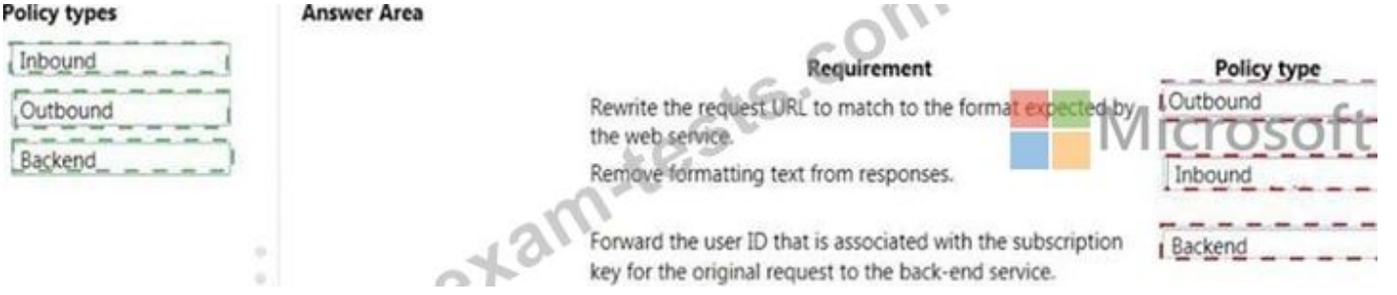
Answer:



Reference:
https://docs.microsoft.com/en-us/azure/cosmos-db/change-feed-processor

NEW QUESTION: 7
You have an application that provides weather forecasting data to external partners. You use Azure API Management to publish APIs.
You must change the behavior of the API to meet the following requirements:
* Support alternative input parameters.
* Remove formatting text from responses.
* Provide additional context to back-end services.
Which types of policies should you implement? To answer, drag the policy types to the correct scenarios. Each policy type 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.

Answer:



Explanation

Requirement	Policy type
Rewrite the request URL to match to the format expected by the web service.	Outbound
Remove formatting text from responses.	Inbound
Forward the user ID that is associated with the subscription key for the original request to the back-end service	Backend

NEW QUESTION: 8

You develop software solutions for a mobile delivery service. You are developing a mobile app that users can use to order from a restaurant in their are

a. The app uses the following workflow:

A driver selects the restaurants from which they will deliver orders.

Orders are sent to all available drivers in an area.

Only orders for the selected restaurants will appear for the driver.

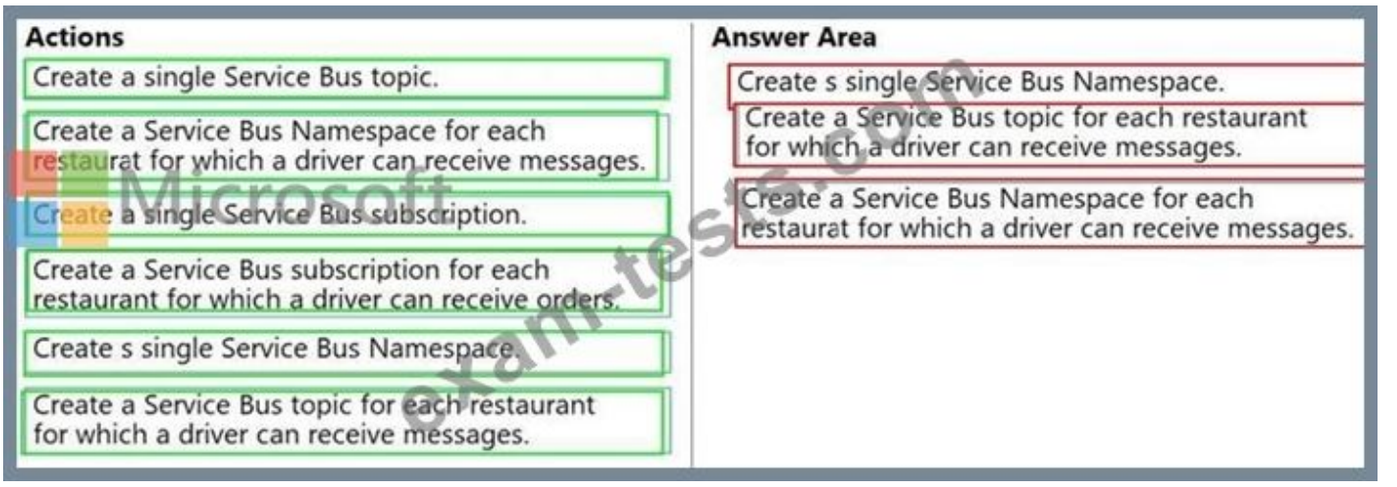
The first driver to accept an order removes it from the list of available orders.

You need to implement an Azure Service Bus solution.

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	Answer Area
Create a single Service Bus topic.	
Create a Service Bus Namespace for each restaurat for which a driver can receive messages.	
Create a single Service Bus subscription.	
Create a Service Bus subscription for each restaurant for which a driver can receive orders.	
Create s single Service Bus Namespace.	
Create a Service Bus topic for each restaurant for which a driver can receive messages.	

Answer:



Reference:
https://docs.microsoft.com/en-us/azure/service-bus-messaging/service-bus-messaging-overview

NEW QUESTION: 9

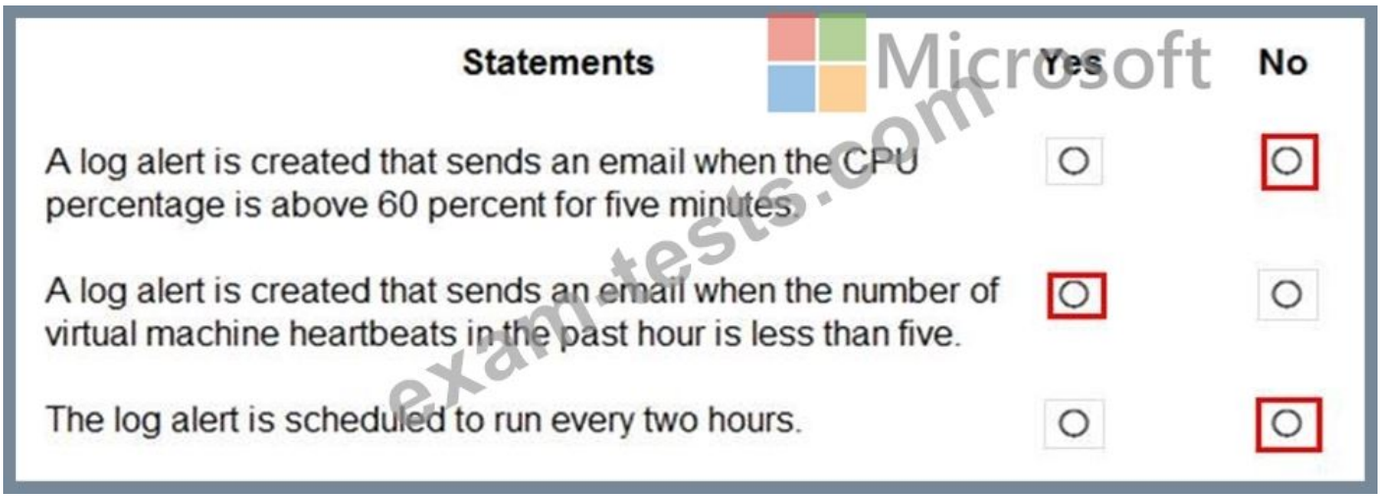
You create the following PowerShell script:

```
$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.	○	○

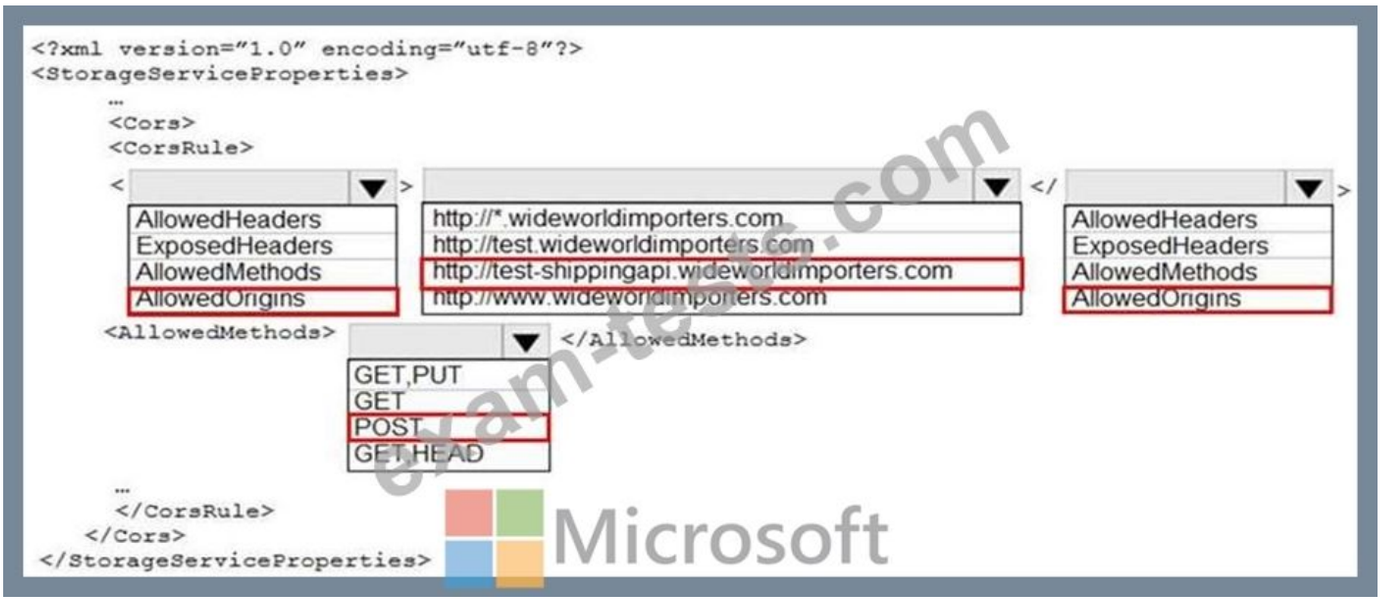
Answer:



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: 10
You need to resolve the Shipping web site error.
How should you configre the Azure Table Storage service? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

Answer:



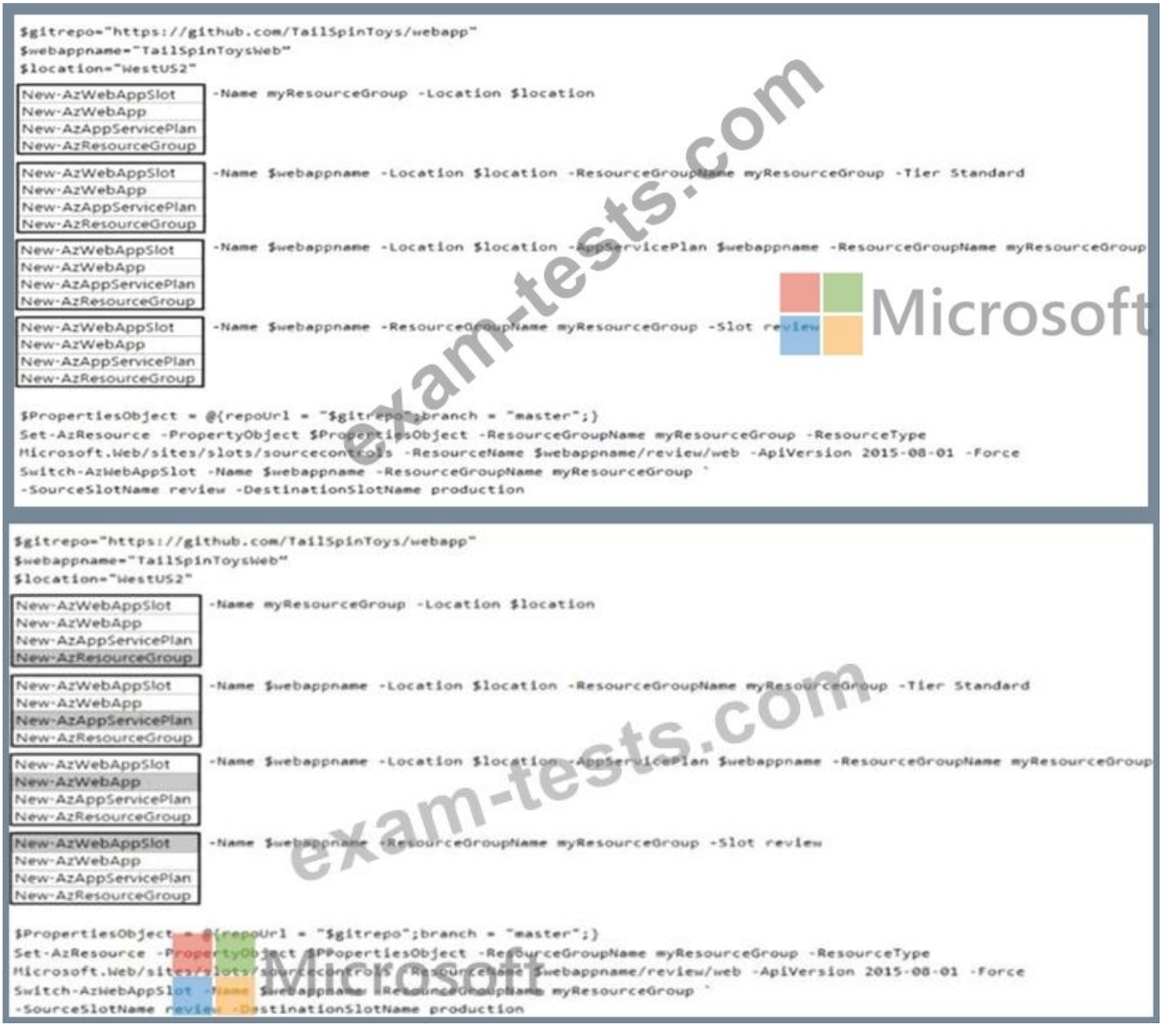
Reference:
https://developer.mozilla.org/en-US/docs/Web/HTTP/Headers/Access-Control-Allow-Origin

NEW QUESTION: 11
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: 12
A company is developing a Node.js web app. The web app code is hosted in a GitHub repository located at https://github.com/TailSpinToys/weapp.
The web app must be reviewed before it is moved to production. You must deploy the initial code release to a deployment slot named review.
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.



Answer:

References:

https://docs.microsoft.com/en-us/powershell/module/az.resources/new-azresourcegroup?view=azps-2.3.2
https://docs.microsoft.com/en-us/powershell/module/az.websites/new-azappserviceplan?view=azps-2.3.2
https://docs.microsoft.com/en-us/powershell/module/az.websites/new-azwebapp?view=azps-2.3.2
https://docs.microsoft.com/en-us/powershell/module/az.websites/new-azwebappslot?view=azps-2.3.2

NEW QUESTION: 13
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.

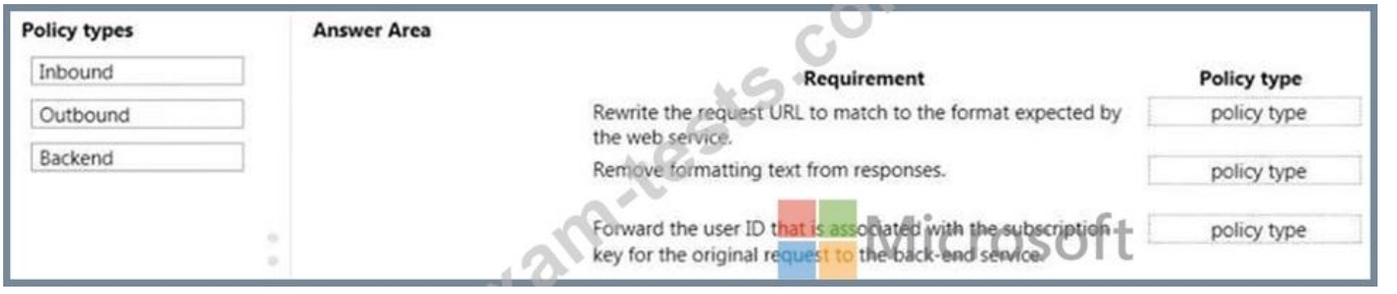
Answer:

Explanation
Graphical user interface, text, application Description automatically generated with medium confidence

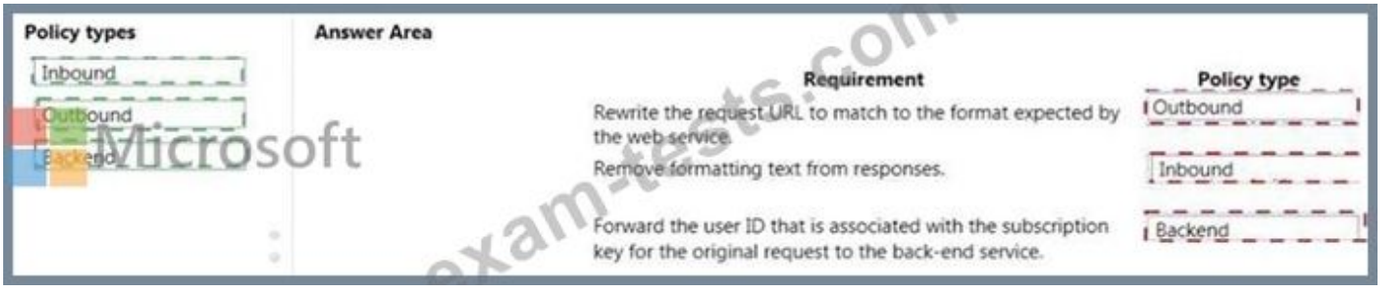
Box 1: SecretClient
Box 2: DefaultAzureCredential
In below example, the name of your key vault is expanded to the key vault URI, in the format

"https://<your-key-vault-name>.vault.azure.net". This example is using 'DefaultAzureCredential()' class from Azure Identity Library, which allows to use the same code across different environments with different options to provide identity.
string keyVaultName = Environment.GetEnvironmentVariable("KEY_VAULT_NAME"); var kvUri = "https://" + keyVaultName + ".vault.azure.net"; var client = new SecretClient(new Uri(kvUri), new DefaultAzureCredential()); Reference:
https://docs.microsoft.com/en-us/azure/key-vault/secrets/quick-create-net

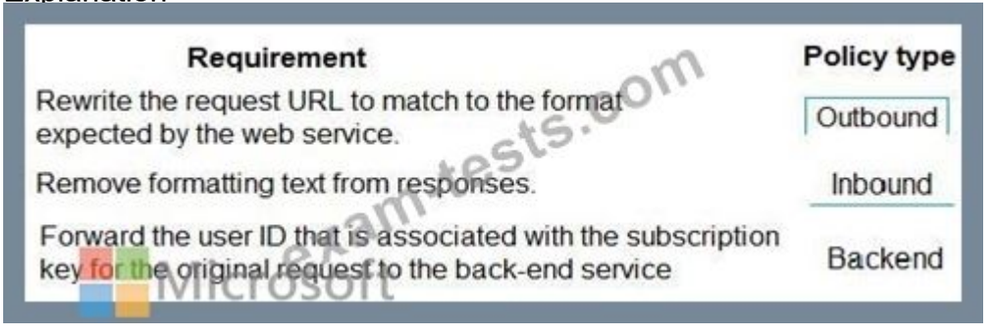
NEW QUESTION: 14
You have an application that provides weather forecasting data to external partners. You use Azure API Management to publish APIs.
You must change the behavior of the API to meet the following requirements:
* Support alternative input parameters.
* Remove formatting text from responses.
* Provide additional context to back-end services.
Which types of policies should you implement? To answer, drag the policy types to the correct scenarios. Each policy type 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.



Answer:



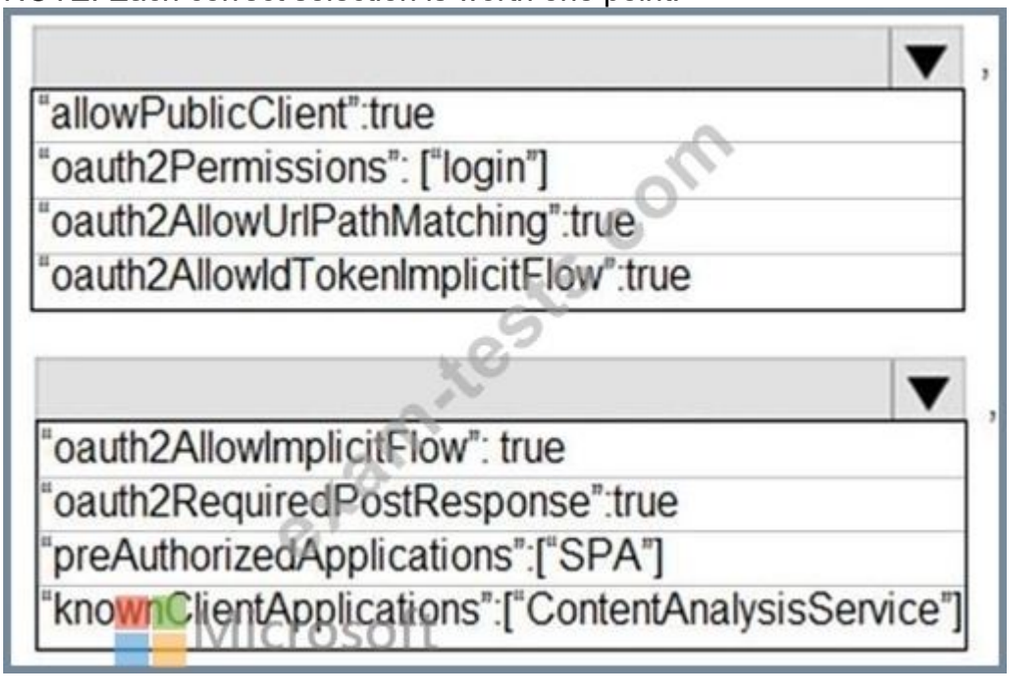
Explanation



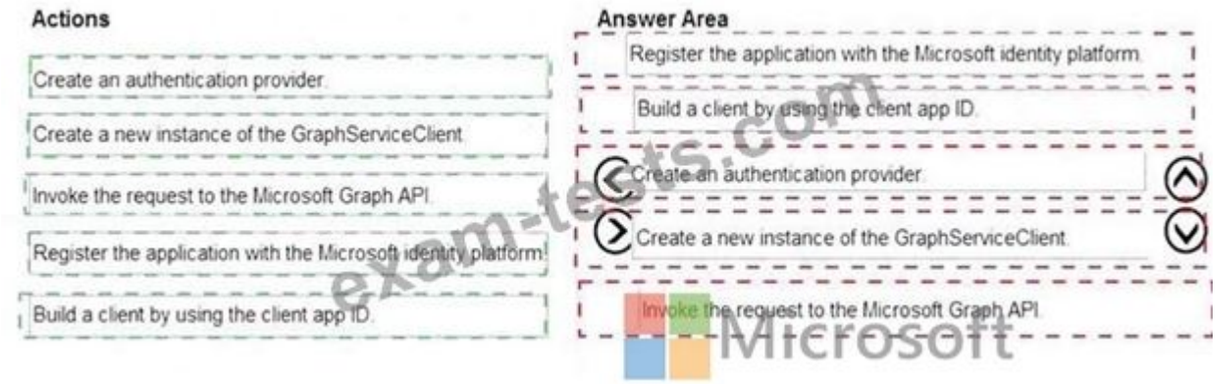
NEW QUESTION: 15

You need to secure the Shipping Logic App.
What should you use?
A. Azure App Service Environment (ASE)
B. Azure AD B2B integration
C. Integration Service Environment (ISE)
D. VNet service endpoint
Answer: (SHOW ANSWER)
Scenario: The Shipping Logic App requires secure resources to the corporate VNet and use dedicated storage resources with a fixed costing model.
You can access to Azure Virtual Network resources from Azure Logic Apps by using integration service environments (ISEs).
Sometimes, your logic apps and integration accounts need access to secured resources, such as virtual machines (VMs) and other systems or services, that are inside an Azure virtual network.
To set up this access, you can create an integration service environment (ISE) where you can run your logic apps and create your integration accounts.
Reference:
https://docs.microsoft.com/en-us/azure/logic-apps/connect-virtual-network-vnet-isolated-environment-overview

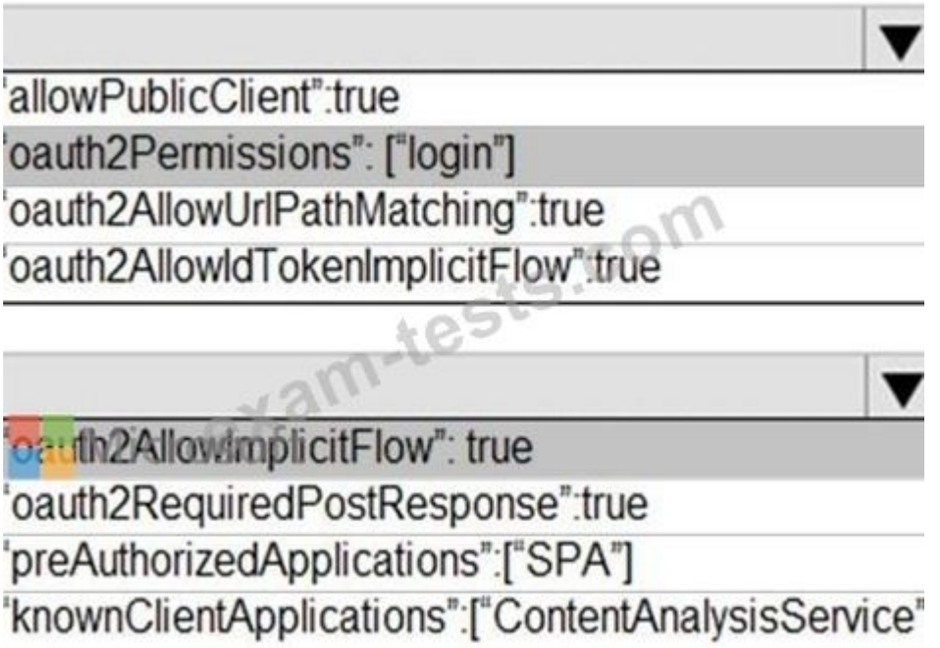
NEW QUESTION: 16
You need to add code at line AM09 to ensure that users can review content using ContentAnalysisService.
How should you complete the code? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.



Answer:



Explanation



Box 1: "oauth2Permissions": ["login"]
oauth2Permissions specifies the collection of OAuth 2.0 permission scopes that the web API (resource) app exposes to client apps. These permission scopes may be granted to client apps during consent.
Box 2: "oauth2AllowImplicitFlow":true
For applications (Angular, Ember.js, React.js, and so on), Microsoft identity platform supports the OAuth 2.0 Implicit Grant flow.
Reference:
https://docs.microsoft.com/en-us/azure/active-directory/develop/reference-app-manifest

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NEW QUESTION: 17

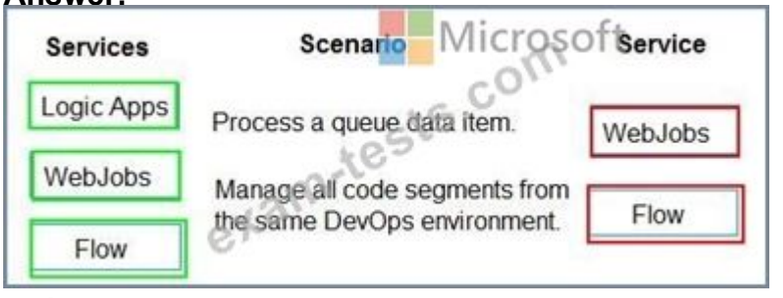
You have a web app named MainApp. You are developing a triggered App Service background task by using the WebJobs SDK. This task automatically invokes a function code whenever any new data is received in a queue.

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.

Answer:



References:

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

NEW QUESTION: 18

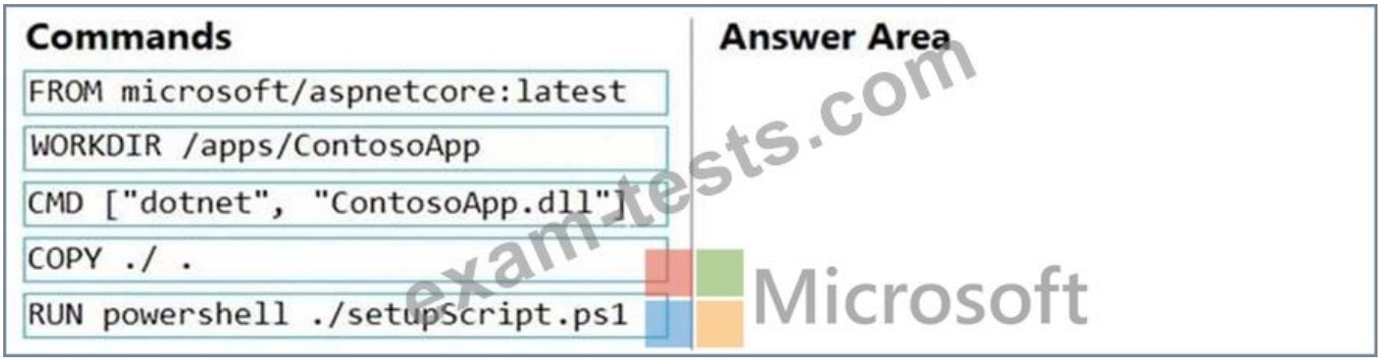
You plan to create a Docker image that runs an ASP.NET Core application named ContosoApp. You have a setup script named setupScript.ps1 and a series of application files including ContosoApp.dll.

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

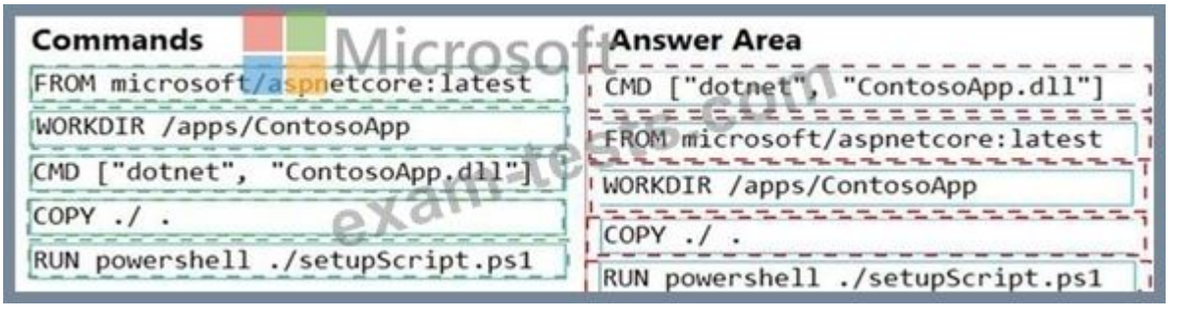
* Call setupScripts.ps1 when the container is built.
* Run ContosoApp.dll when the container starts.

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

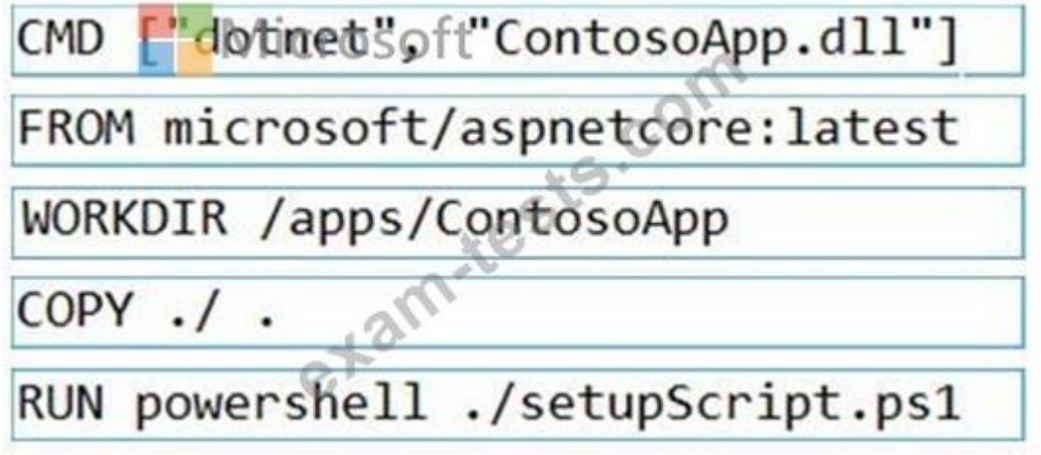
Which five commands should you use to develop the solution? To answer, move the appropriate commands from the list of commands to the answer area and arrange them in the correct order.



Answer:



Explanation



Box 1: CMD [..]

Cmd starts a new instance of the command interpreter, Cmd.exe.

Syntax: CMD <string>

Specifies the command you want to carry out.

Box 2: FROM microsoft/aspnetcore-build:latest

Box 3: WORKDIR /apps/ContosoApp

Bxo 4: COPY ./ .

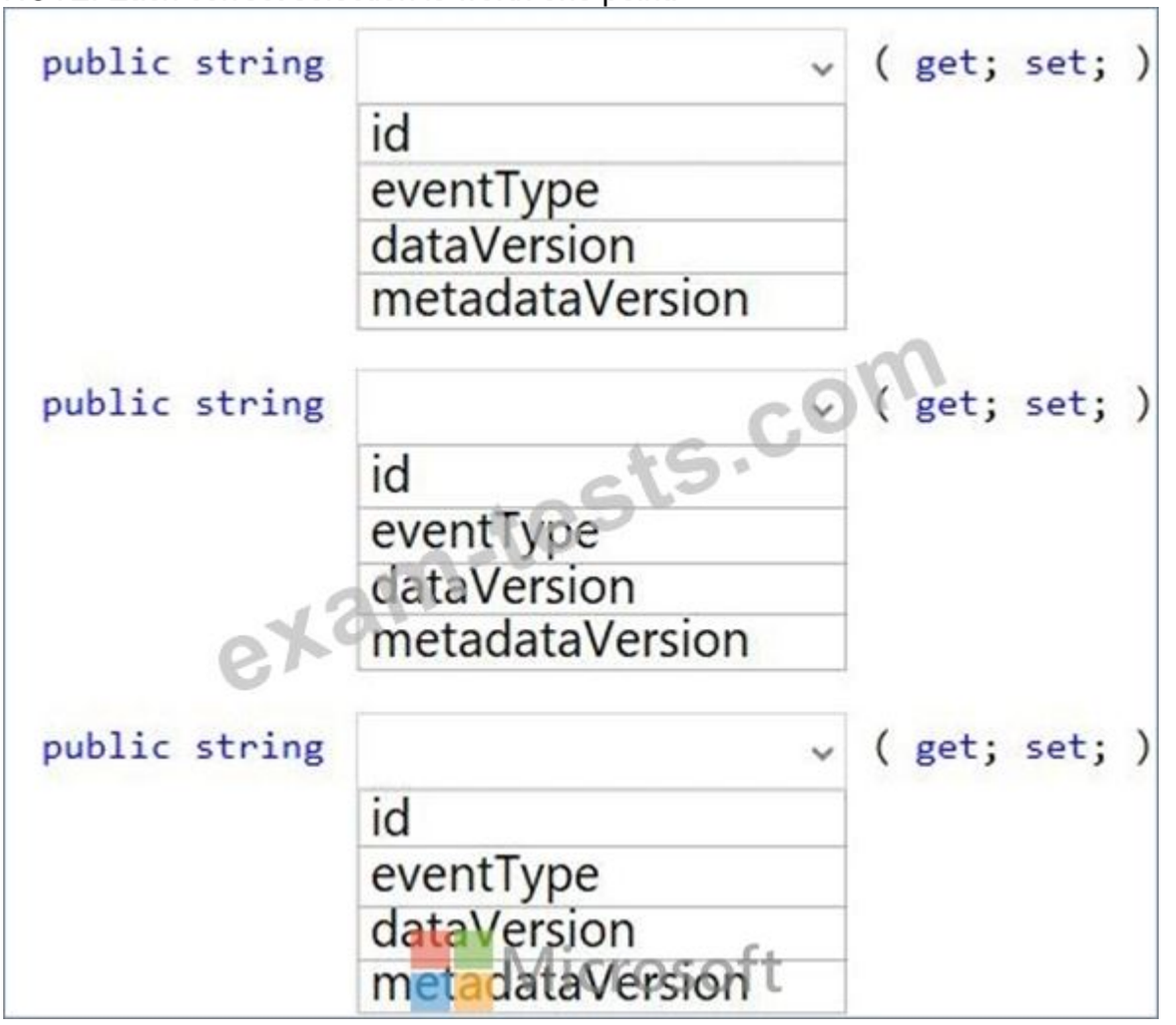
Box 5: RUN powershell ./setupScript.ps1

NEW QUESTION: 19

You need to insert code at line LE03 of LoginEvent.cs to ensure that all authentication events are processed correctly.

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

NOTE: Each correct selection is worth one point.



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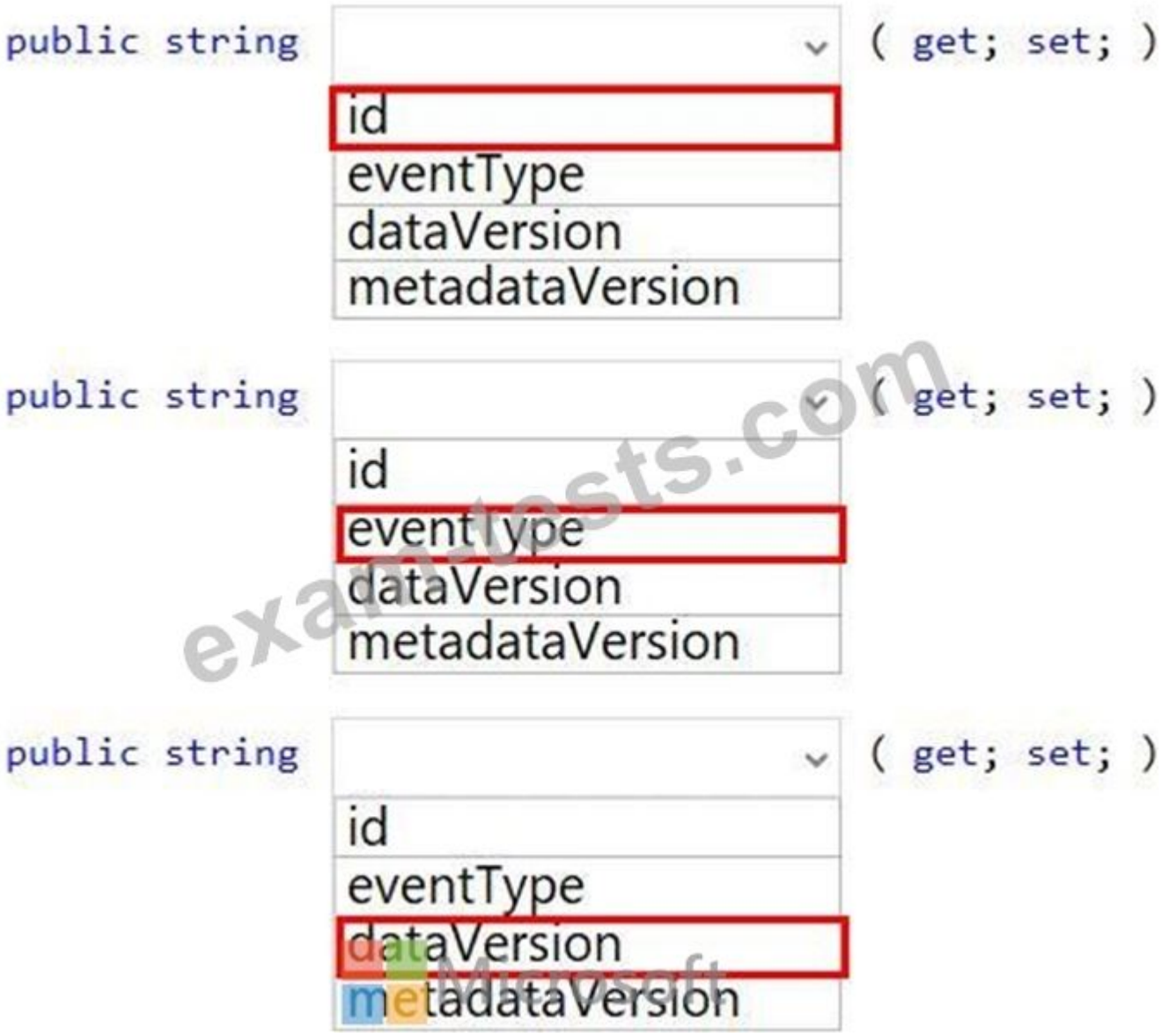
Answer:



Reference:
https://docs.microsoft.com/en-us/azure/event-grid/event-schema

NEW QUESTION: 20
You are a developer tot a SaaS company that otters many web services. All web services tot 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. validate-jwt
B. authentication-certificate
C. check-header
D. jsonp
Answer: (SHOW ANSWER)

Add the validate-jwt policy to validate the OAuth token for every incoming request.
Incorrect Answers:
B: 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.
References:https://docs.microsoft.com/en-us/azure/api-management/api-management-howto-protect-backend-with-aad

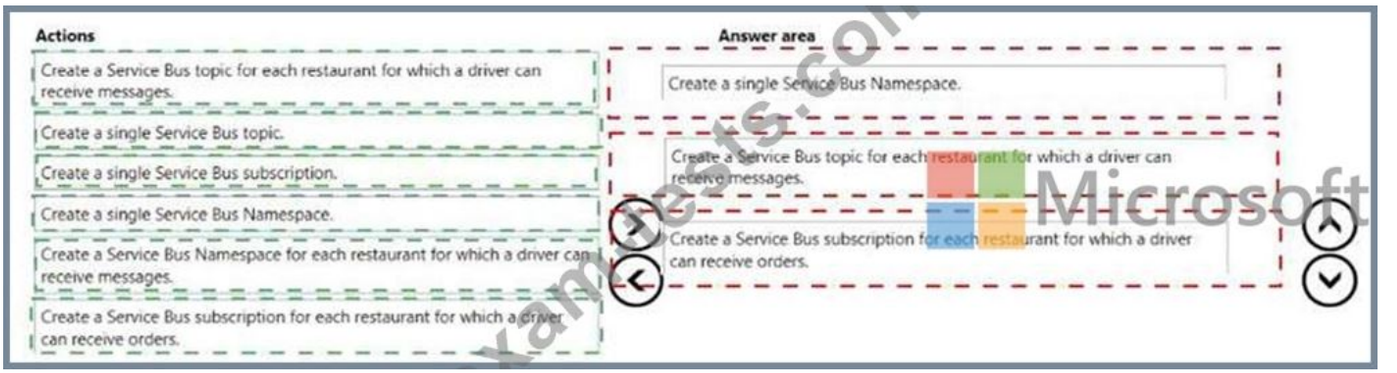
NEW QUESTION: 21
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.
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: 22
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)
Explanation
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

NEW QUESTION: 23
You develop software solutions for a mobile delivery service. You are developing a mobile app that users can use to order from a restaurant in their area. The app uses the following workflow:
1. A driver selects the restaurants for which they will deliver orders.
2. Orders are sent to all available drivers in an area.
3. Only orders for the selected restaurants will appear for the driver.
4. The first driver to accept an order removes it from the list of available orders.
You need to implement an Azure Service Bus solution.
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:



Explanation

Box 1: Create a single Service Bus Namespace

To begin using Service Bus messaging entities in Azure, you must first create a namespace with a name that is unique across Azure. A namespace provides a scoping container for addressing Service Bus resources within your application.

Box 2: Create a Service Bus Topic for each restaurant for which a driver can receive messages.

Create topics.

Box 3: Create a Service Bus subscription for each restaurant for which a driver can receive orders.

Topics can have multiple, independent subscriptions.

References:

https://docs.microsoft.com/en-us/azure/service-bus-messaging/service-bus-messaging-overview

NEW QUESTION: 24

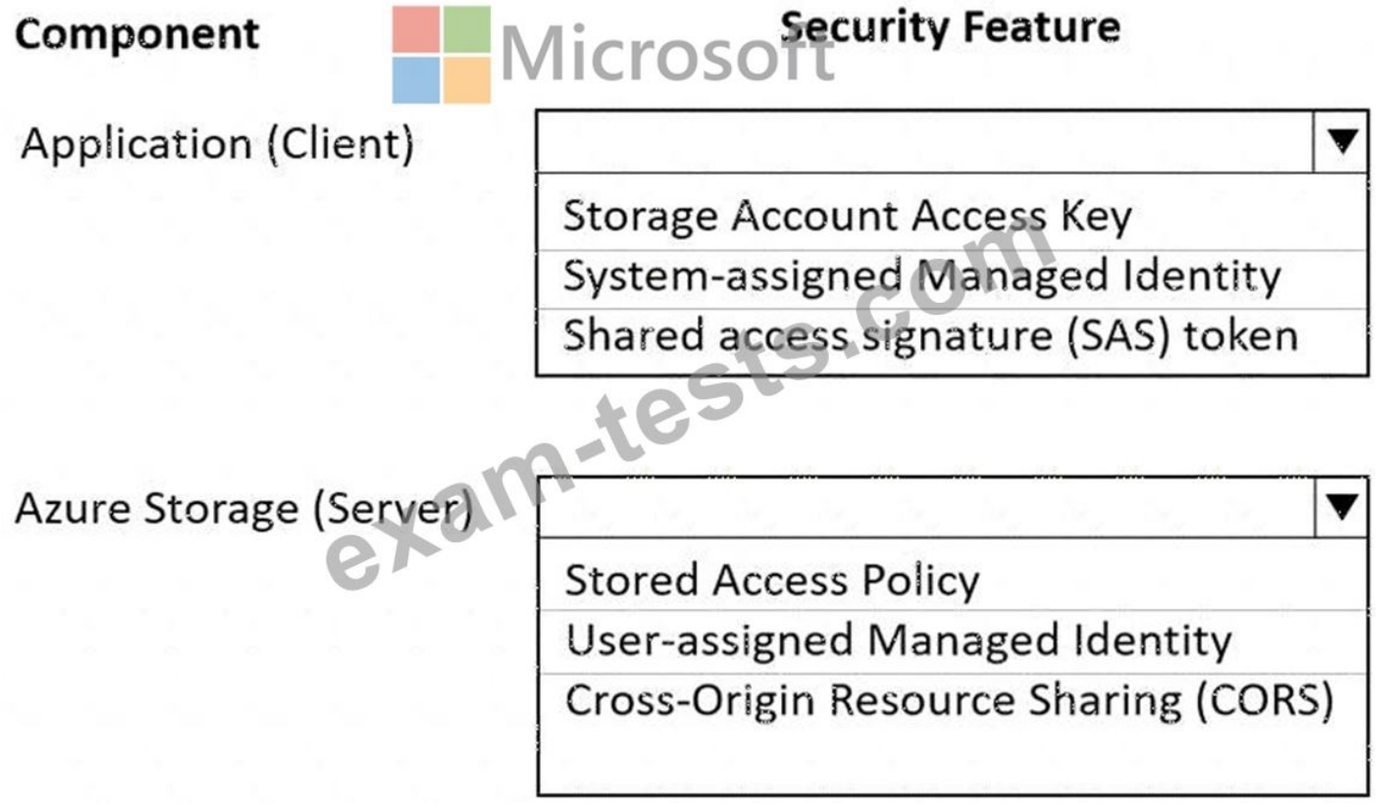
You are developing an application to store and retrieve data in Azure Blob storage. The application will be hosted in an on-premises virtual machine (VM). The VM is connected to Azure by using a Site-to-Site VPN gateway connection. The application is secured by using Azure Active Directory (Azure AD) credentials.

The application must be granted access to the Azure Blob storage account with a start time, expiry time, and read permissions. The Azure Blob storage account access must use the Azure AD credentials of the application to secure data access. Data access must be able to be revoked if the client application security is breached.

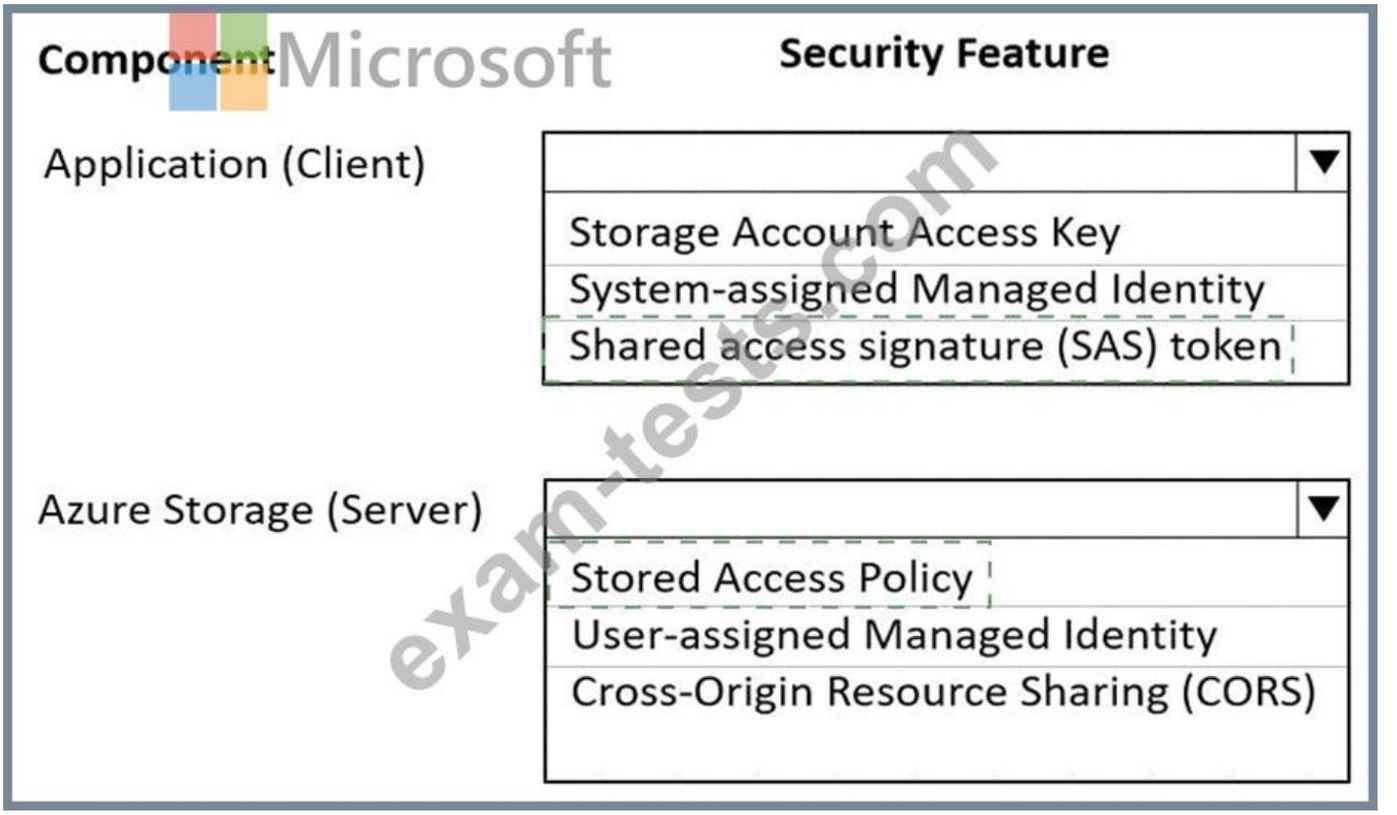
You need to secure the application access to Azure Blob storage.

Which security features should you use? To answer select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

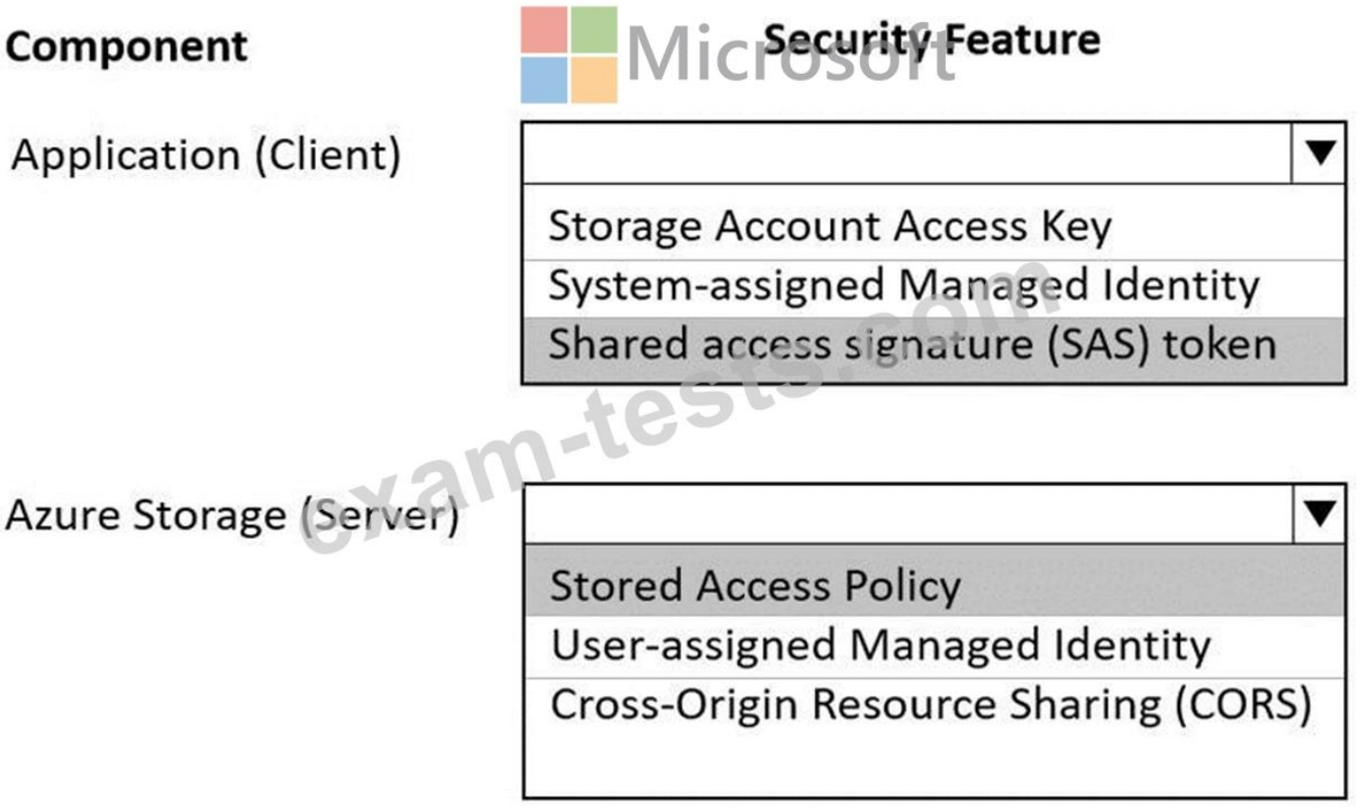


Answer:



Explanation

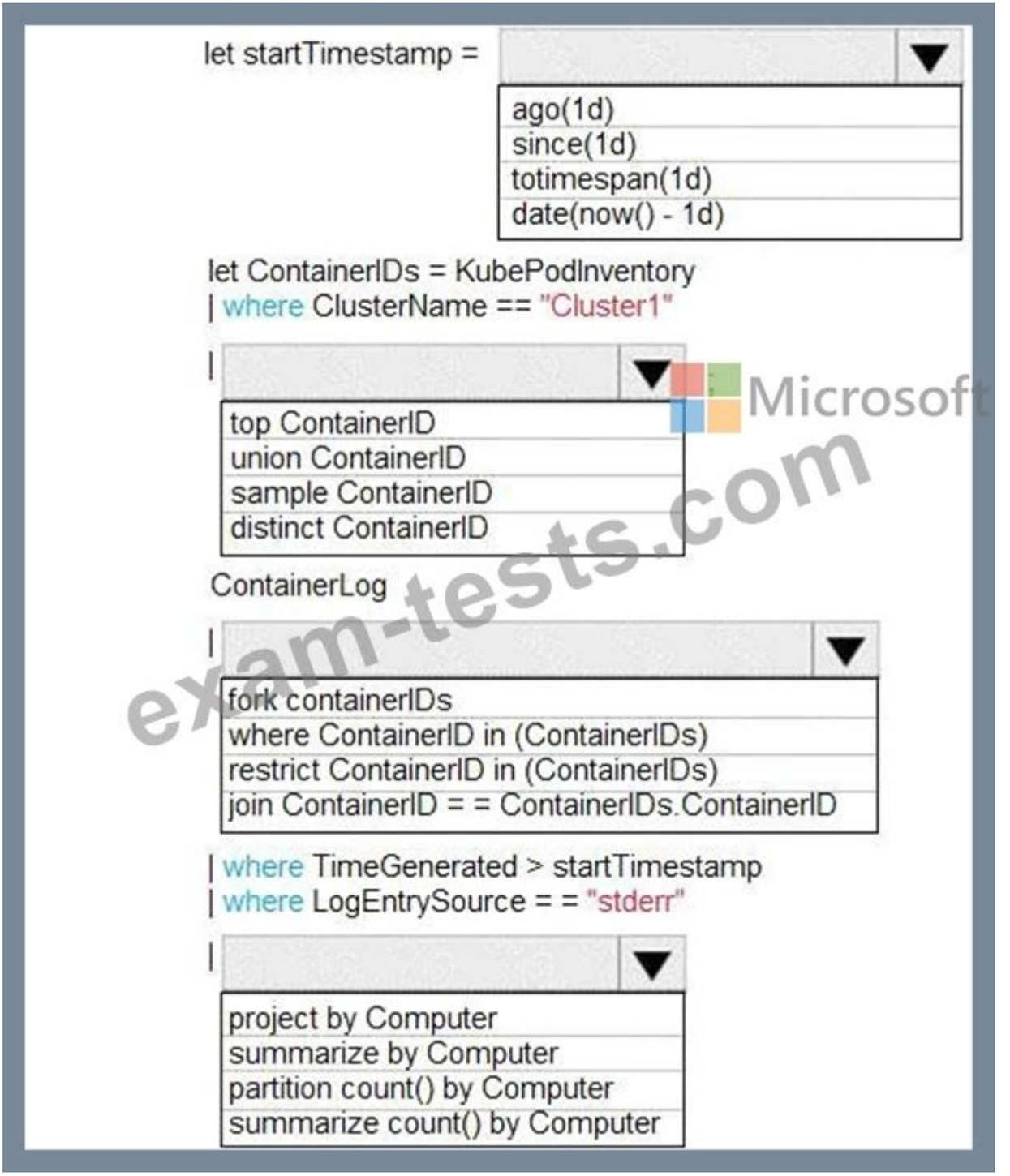
Text, letter Description automatically generated



Box 1: Shared access signature (SAS) token
When your application design requires shared access signatures for access to Blob storage, use Azure AD credentials to create a user delegation SAS when possible for superior security.
Box 2: Stored access policy
Stored access policies give you the option to revoke permissions for a service SAS without having to regenerate the storage account keys.
A shared access signature can take one of the following two forms:
* Service SAS with stored access policy. A stored access policy is defined on a resource container, which can be a blob container, table, queue, or file share. The stored access policy can be used to manage constraints for one or more service shared access signatures. When you associate a service SAS with a stored access policy, the SAS inherits the constraints - the start time, expiry time, and permissions - defined for the stored access policy.
* Ad hoc SAS.
Reference:
https://docs.microsoft.com/en-us/azure/storage/common/storage-sas-overview

NEW QUESTION: 25
You are debugging an application that is running on Azure Kubernetes cluster named cluster1.
The cluster uses Azure Monitor for containers to monitor the cluster.
The application has sticky sessions enabled on the ingress controller.
Some customers report a large number of errors in the application over the last 24 hours.
You need to determine on which virtual machines (VMs) the errors are occurring.
How should you complete the Azure Monitor query? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.



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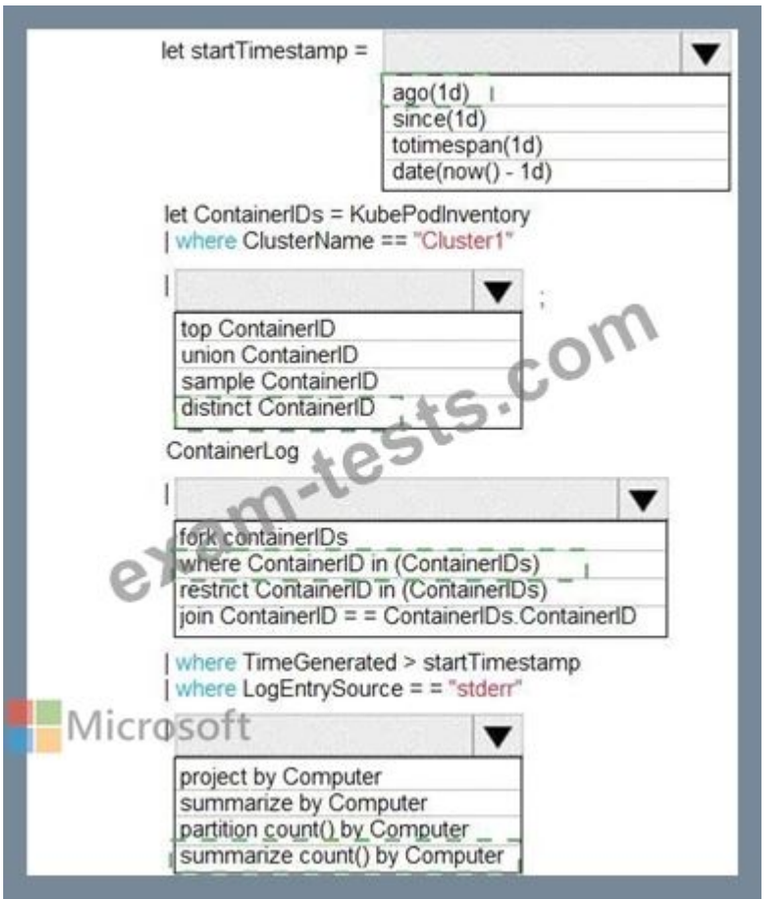
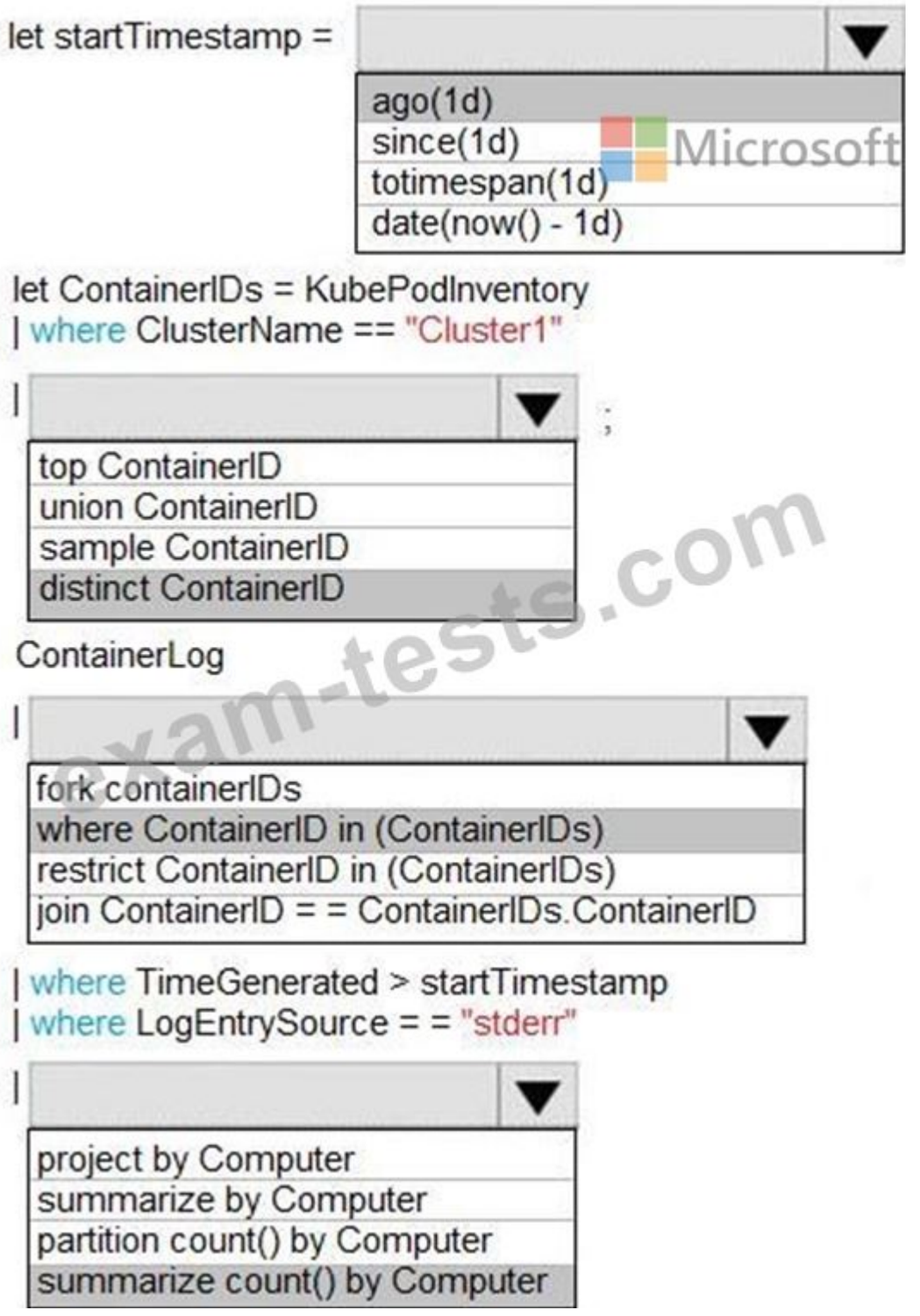
Answer:



Explanation



Box 1: ago(1d)

Box 2: distinct containerID

Box 3: where ContainerID in (ContainerIDs)

Box 4: summarize Count by Computer

Summarize: aggregate groups of rows

Use summarize to identify groups of records, according to one or more columns, and apply aggregations to them. The most common use of summarize is count, which returns the number of results in each group.

Reference:

https://docs.microsoft.com/en-us/azure/azure-monitor/log-query/get-started-queries
https://docs.microsoft.com/en-us/azure/azure-monitor/log-query/query-optimization

NEW QUESTION: 26
You need to investigate the http server log output to resolve the issue with the ContentUploadService.
Which command should you use first?
A. az webapp log
B. az ams live-output
C. az monitor activity-log
D. az container attach
Answer: (SHOW ANSWER)
Scenario: Users of the ContentUploadService report that they occasionally see HTTP 502 responses on specific pages.
"502 bad gateway" and "503 service unavailable" are common errors in your app hosted in Azure App Service.
Microsoft Azure publicizes each time there is a service interruption or performance degradation.
The az monitor activity-log command manages activity logs.
Note: Troubleshooting can be divided into three distinct tasks, in sequential order:
Observe and monitor application behavior
Collect data
Mitigate the issue
Reference:
https://docs.microsoft.com/en-us/cli/azure/monitor/activity-log
Topic 1, Contoso, Ltd
Azure Active Directory
Contoso, Ltd. uses Azure Active Directory (Azure AD) for both internal and guest accounts.
Requirements
ContentAnalysisService
The company's data science group built ContentAnalysisService which accepts user generated content as a string and returns a probable value for inappropriate content. Any values over a specific threshold must be reviewed by an employee of Contoso, Ltd.
You must create an Azure Function named CheckUserContent to perform the content checks.
Costs
You must minimize costs for all Azure services.
Manual review
To review content, the user must authenticate to the website portion of the ContentAnalysisService using their Azure AD credentials. The website is built using React and all pages and API endpoints require authentication. In order to review content a user must be part of a ContentReviewer role. All completed reviews must include the reviewer's email address for auditing purposes.

High availability

All services must run in multiple regions. The failure of any service in a region must not impact overall application availability.

Monitoring

An alert must be raised if the ContentUploadService uses more than 80 percent of available CPU cores.

Security

You have the following security requirements:

Any web service accessible over the Internet must be protected from cross site scripting attacks.

All websites and services must use SSL from a valid root certificate authority.

Azure Storage access keys must only be stored in memory and must be available only to the service.

All Internal services must only be accessible from internal Virtual Networks (VNets).

All parts of the system must support inbound and outbound traffic restrictions.

All service calls must be authenticated by using Azure AD.

User agreements

When a user submits content, they must agree to a user agreement. The agreement allows employees of Contoso, Ltd. to review content, store cookies on user devices, and track user's IP addresses.

Information regarding agreements is used by multiple divisions within Contoso, Ltd.

User responses must not be lost and must be available to all parties regardless of individual service uptime. The volume of agreements is expected to be in the millions per hour.

Validation testing

When a new version of the ContentAnalysisService is available the previous seven days of content must be processed with the new version to verify that the new version does not significantly deviate from the old version.

Issues

Users of the ContentUploadService report that they occasionally see HTTP 502 responses on specific pages.

Code

ContentUploadService

```
S02 type: Microsoft.ContainerInstance/containerGroups
S03 location: westus
S04 name: contentUploadService
S05 properties:
S06     containers:
S07     - name: service
S08         properties:
S09         image: contoso/contentUploadService:latest
S10         ports:
S11         - port: 80
S12           protocol: TCP
S13         resources:
S14           requests:
S15             cpu: 1.0
S16             memoryInGB: 1.5
S17
S18 ipAddress:
S19     ip: 10.23.121.112
S20     ports:
S21       - port: 80
S22         protocol: TCP
S23
S24
S25 networkProfile:
S26
```

```
AM01 {
AM02       "id" : "2b079f03-9b06-2d44-98bb-e9182901fcb6",
AM03       "appId" : "7118a7f0-b5c2-4c9d-833c-3d711396fe65",
AM04
AM05       "createdDateTime" : "2019-12-24T06:01:44Z",
AM06       "logoUrl" : null,
AM07       "logoutUrl" : null,
AM08       "name" : "ContentAnalysisService",
AM09
AM10
AM11       "orgRestrictions" : [],
AM12       "parentalControlSettings" : {
AM13         "countriesBlockedForMinors" : [],
AM14           "legalAgeGroupRule" : "Allow"
AM15       },
AM16       "passwordCredentials" : []
AM17 }
```

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Microsoft

NEW QUESTION: 27

You are developing a back-end Azure App Service that scales based on the number of messages contained in a Service Bus queue.

A rule already exists to scale up the App Service when the average queue length of unprocessed and valid queue messages is greater than 1000.

You need to add a new rule that will continuously scale down the App Service as long as the

scale up condition is not met.

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

NOTE: Each correct selection is worth one point.

Answer Area

Answer:

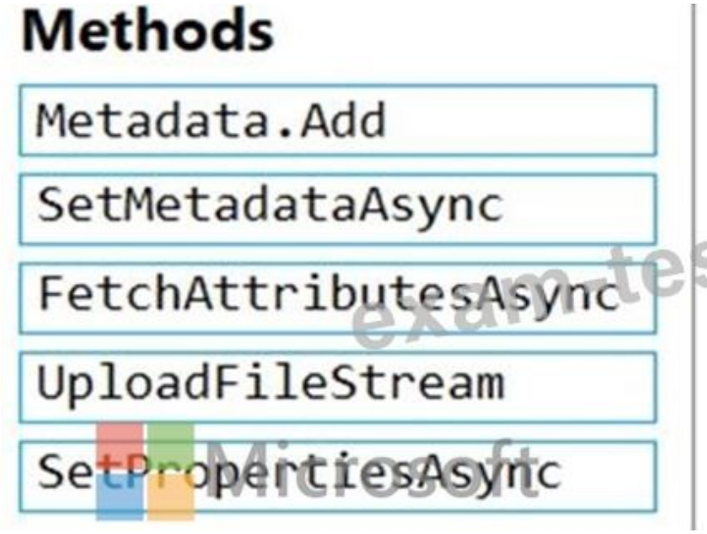
Answer Area

NEW QUESTION: 28

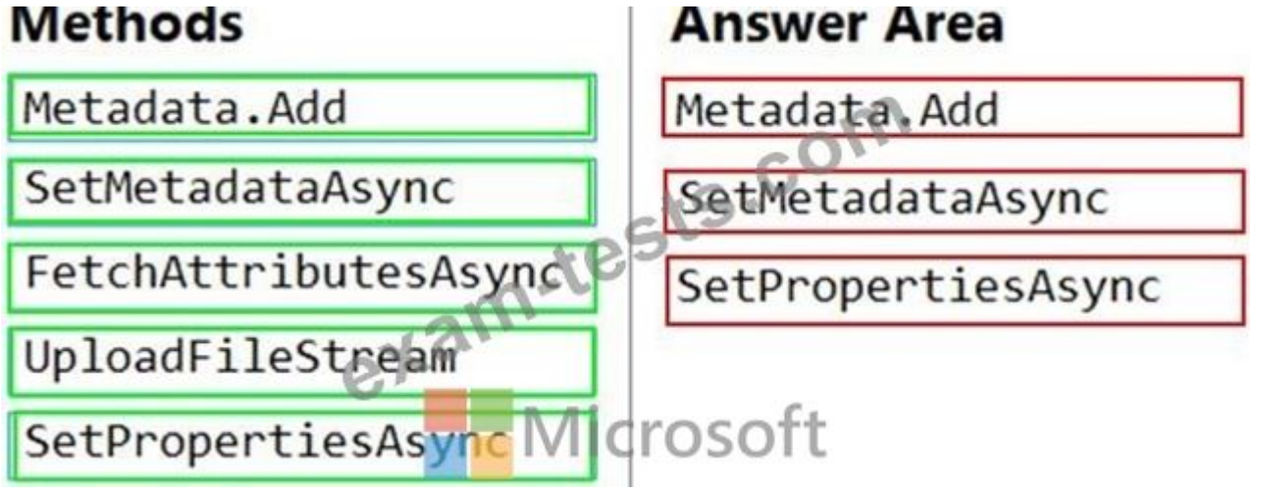
You have an application that uses Azure Blob storage.

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.



Answer:



Reference:

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

NEW QUESTION: 29

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.
Margie's Travel is an international travel and bookings management service. The company is expanding into restaurant bookings. You are tasked with implementing Azure Search for the restaurants listed in their solution.
You create the index in Azure Search.
You need to import the restaurant data into the Azure Search service by using the Azure Search .NET SDK.
Solution:
1. Create a SearchIndexClient object to connect to the search index.
2. Create a DataContainer that contains the documents which must be added.
3. Create a DataSource instance and set its Container property to the DataContainer.
4. Call the Documents.Suggest method of the SearchIndexClient and pass the DataSource.
Does the solution meet the goal?
A. Yes
B. No
Answer: B (LEAVE A REPLY)
Use the following method:
1. - Create a SearchIndexClient object to connect to the search index
2. - Create an IndexBatch that contains the documents which must be added.
3. - Call the Documents.Index method of the SearchIndexClient and pass the IndexBatch.
References:
https://docs.microsoft.com/en-us/azure/search/search-howto-dotnet-sdk

NEW QUESTION: 30
You are developing an Azure-hosted e-commerce web application. The application will use Azure Cosmos DB to store sales orders. You are using the latest SDK to manage the sales orders in the database.
You create a new Azure Cosmos DB instance. You include a valid endpoint and valid authorization key to an appSettings.json file in the code project.
You are evaluating the following application code: (Line number are included for reference only.)

```
01 using System;
02 using System.Threading.Tasks;
03 using Microsoft.Azure.Cosmos;
04 using Microsoft.Extensions.Configuration;
05 using Newtonsoft.Json;
06 namespace SalesOrders
07 {
08   public class SalesOrder
09   {
10     . . .
11   }
12   internal class ManageSalesOrders
13     {
14       private static async Task GenerateSalesOrders()
15         {
16           IConfigurationRoot configuration = new ConfigurationBuilder().AddJsonFile("appSettings.json").Build();
17           string endpoint = configuration["EndPointUrl"];
18           string authKey = configuration["AuthorizationKey"];
19           using CosmosClient client = new CosmosClient(endpoint, authKey);
20           Database database = null;
21           using (await client.GetDatabase("SalesOrders").DeleteStreamAsync()) { }
22           database = await client.CreateDatabaseIfNotExistsAsync("SalesOrders");
23           Container container1 = await database.CreateContainerAsync(id: "Container1", partitionKeyPath: "/AccountNumber");
24           Container container2 = await database.CreateContainerAsync(id: "Container2", partitionKeyPath: "/AccountNumber");
25           SalesOrder salesOrder1 = new SalesOrder() { AccountNumber = "123456" };
26           await container1.CreateItemAsync(salesOrder1, new PartitionKey(salesOrder1.AccountNumber));
27           SalesOrder salesOrder2 = new SalesOrder() { AccountNumber = "654321" };
28           await container1.CreateItemAsync(salesOrder2, new PartitionKey(salesOrder2.AccountNumber));
29           SalesOrder salesOrder3 = new SalesOrder() { AccountNumber = "109876" };
30           await container2.CreateItemAsync(salesOrder3, new PartitionKey(salesOrder3.AccountNumber));
31           _ = await database.CreateUserAsync("User1");
32           User user1 = database.GetUser("User1");
33           _ = await user1.ReadAsync();
34       }
35   }
36 }
```

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 database named SalesOrders is created. The database will include two containers.	○	○
Container1 will contain two items.	○	○
Container2 will contain one item.	○	○

Answer:

Statements	Yes	No
A database named SalesOrders is created. The database will include two containers.	○	○
Container1 will contain two items.	○	○
Container2 will contain one item.	○	○

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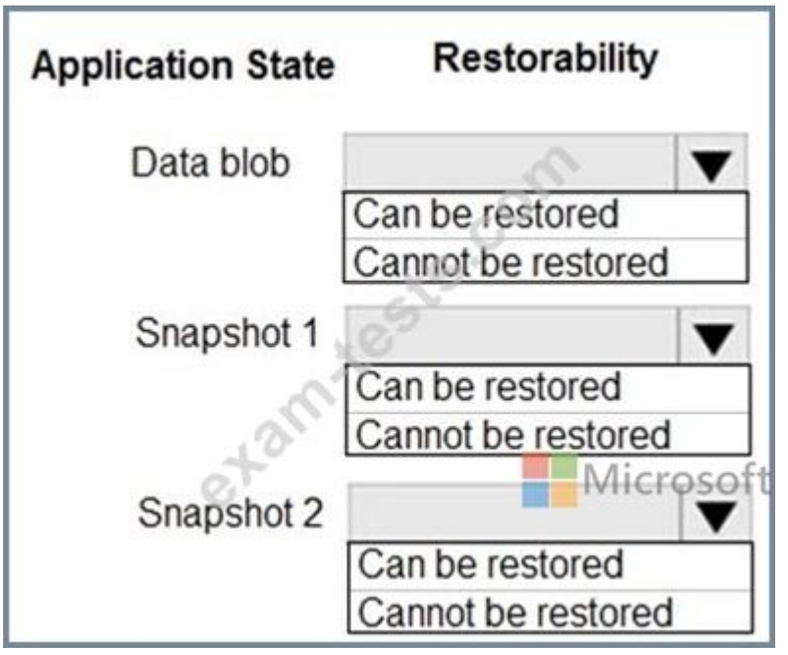
Reference:
https://docs.microsoft.com/en-us/dotnet/api/microsoft.azure.cosmos.cosmosclient.createdatabaseifnotexistsasync
https://docs.microsoft.com/en-us/dotnet/api/microsoft.azure.cosmos.database.createcontainerasync
https://docs.microsoft.com/en-us/dotnet/api/azure.cosmos.cosmoscontainer.createitemasync

NEW QUESTION: 31
You are developing an application that use an Azure blob named data to store application dat a.
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.



Answer:

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

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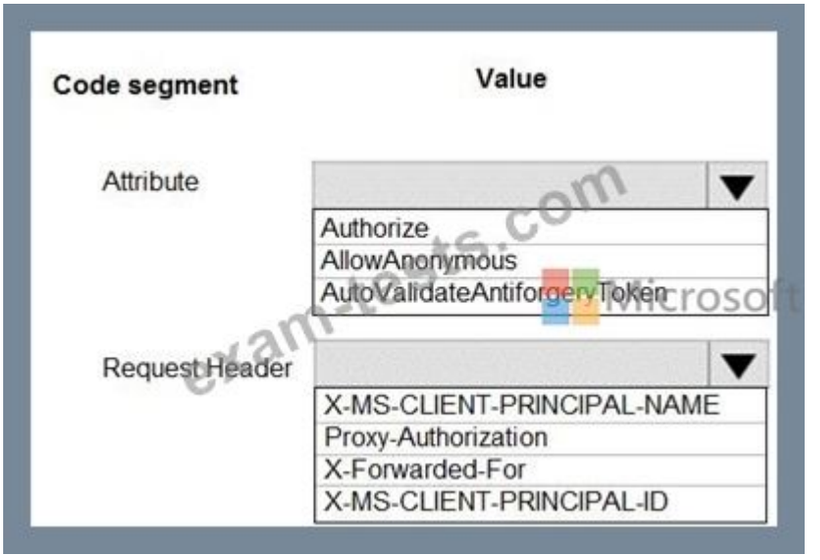
NEW QUESTION: 32
ASP.NET Core API app by using C#. The API app will allow users to authenticate by using Twitter and Azure Active Directory (Azure AD).

Users must be authenticated before calling API methods. You must log the user's name for each method call.

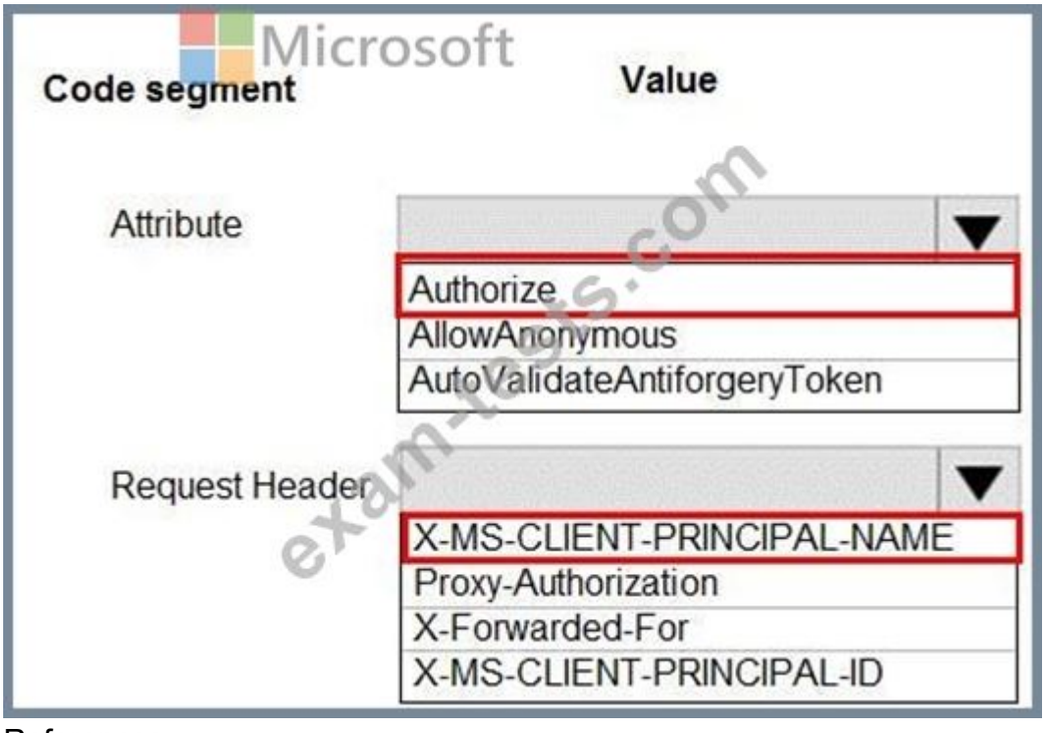
You need to configure the API method calls.

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

NOTE: Each correct selection is worth one point.



Answer:



References:

https://docs.microsoft.com/en-us/azure/app-service/app-service-authentication-how-to

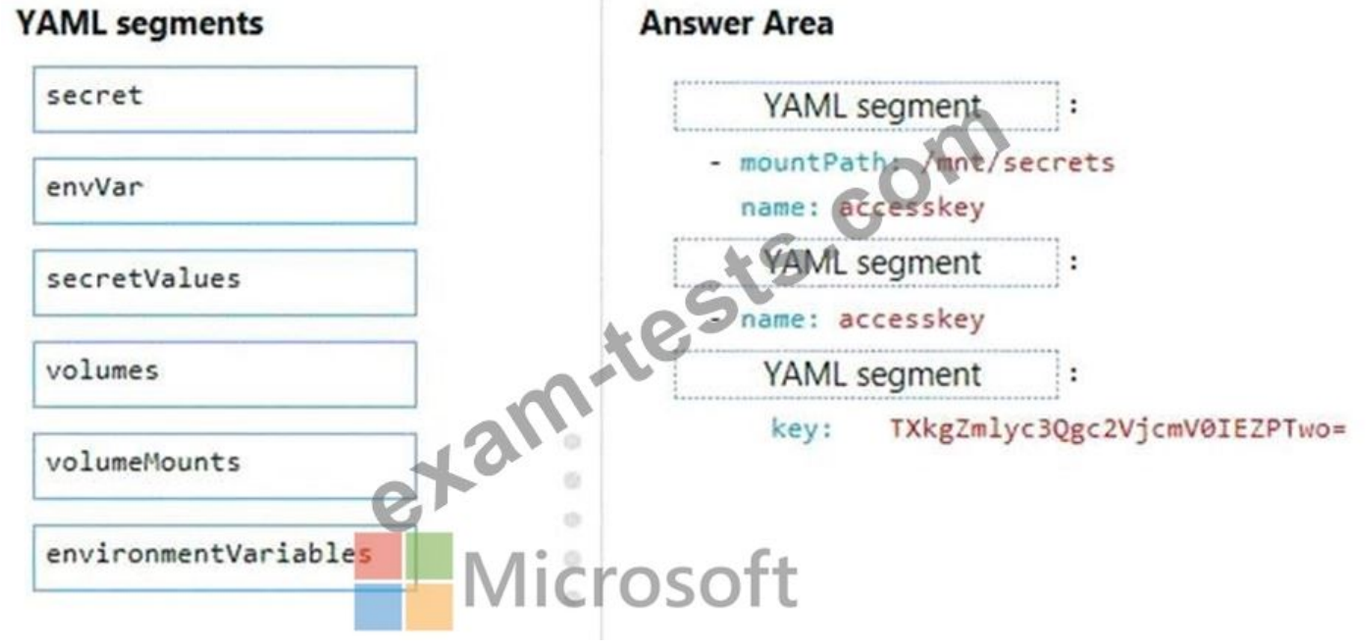
NEW QUESTION: 33

You need to add YAML markup at line CS17 to ensure that the ContentUploadService can access Azure Storage access keys.

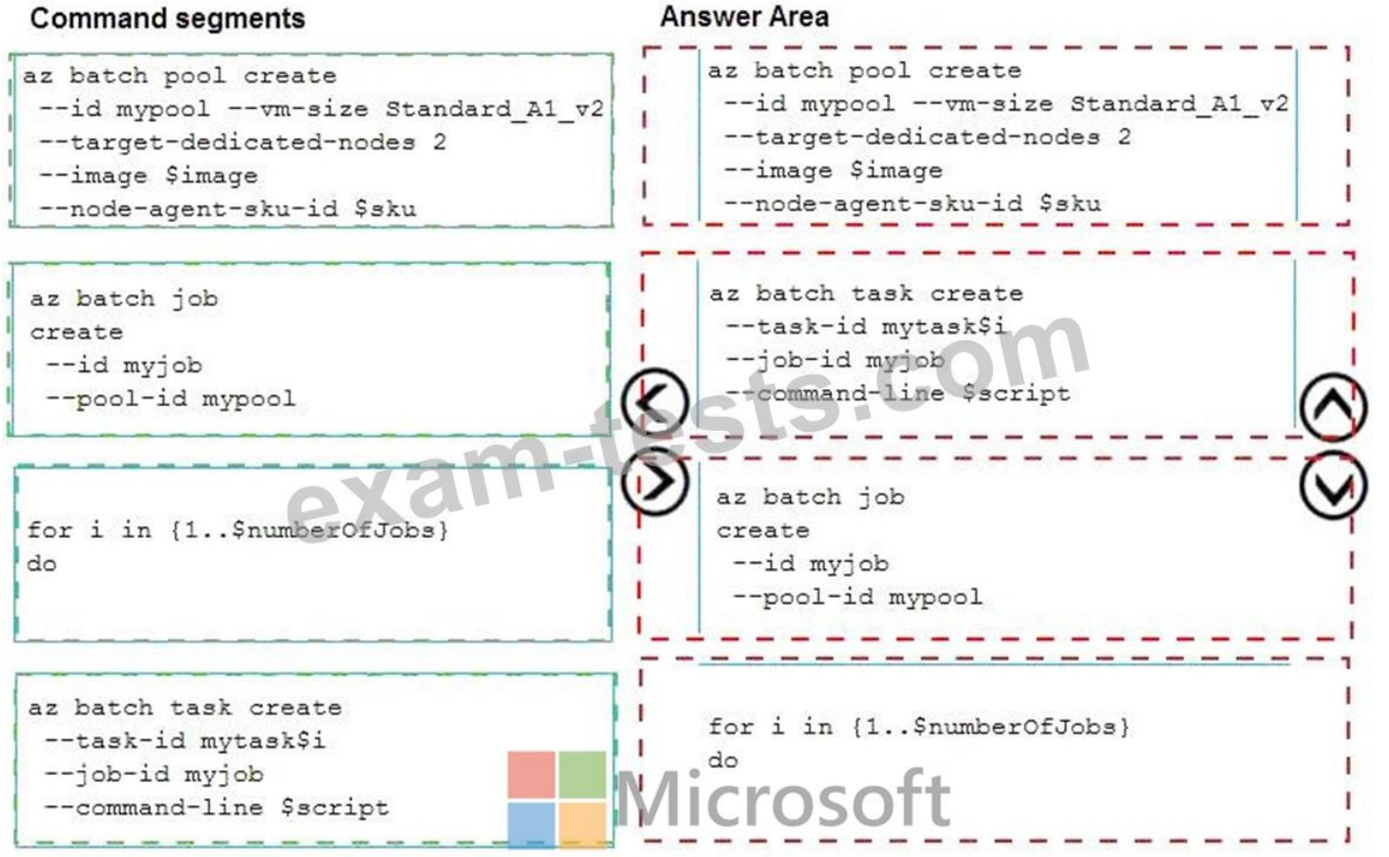
How should you complete the YAML markup? To answer, drag the appropriate YAML segments to the correct locations. Each YAML segment may be used once, more than once, or not at all.

You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.



Answer:



Explanation

Box 1: volumeMounts

Example:

volumeMounts:

- mountPath: /mnt/secrets

name: secretvolume1

volumes:

- name: secretvolume1

secret:

mysecret1: TXkgZmlyc3Qgc2VjcmV0IEZPTwo=

Box 2: volumes

Box 3: secret

Reference:

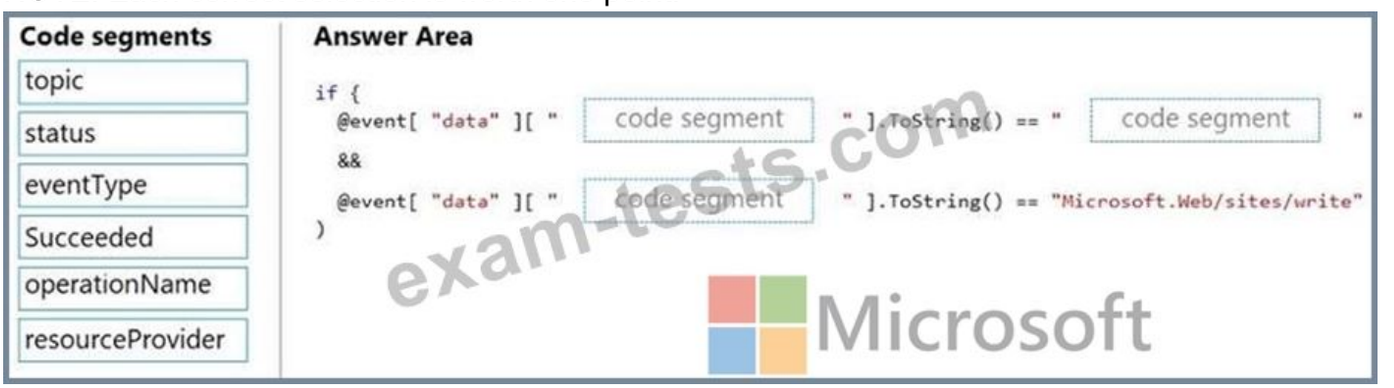
https://docs.microsoft.com/en-us/azure/container-instances/container-instances-volume-secret

NEW QUESTION: 34

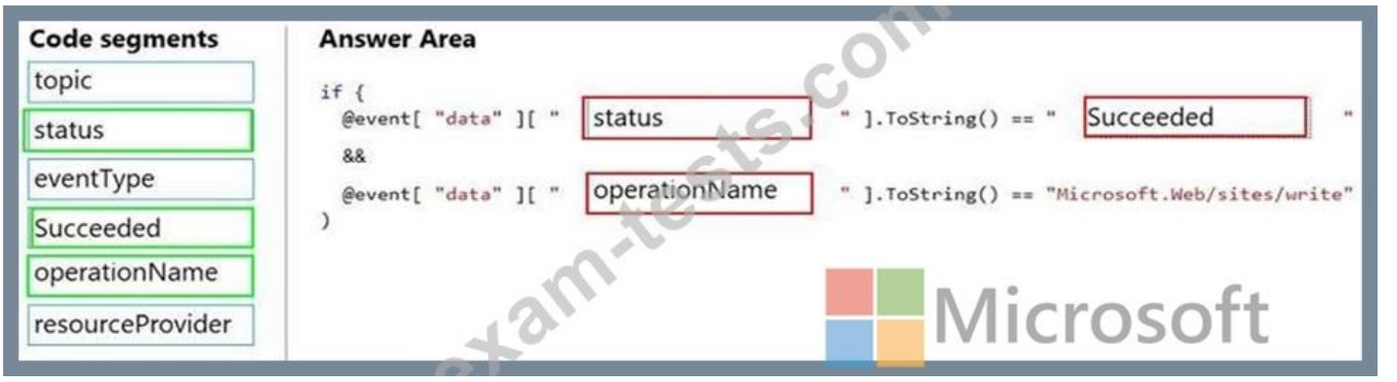
You need to add code at line EG15 in EventGridController.cs to ensure that the Log policy applies to all services.

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.



Answer:



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

Topic 5, Litware Inc

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.

Background

You are a developer for Litware Inc., a SaaS company that provides a solution for managing employee expenses. The solution consists of an ASP.NET Core Web API project that is deployed as an Azure Web App.

Overall architecture

Employees upload receipts for the system to process. When processing is complete, the employee receives a summary report email that details the processing results. Employees then use a web application to manage their receipts and perform any additional tasks needed for reimbursement.

Receipt processing

Employees may upload receipts in two ways:

Uploading using an Azure Files mounted folder

Uploading using the web application

Data Storage

Receipt and employee information is stored in an Azure SQL database.

Documentation

Employees are provided with a getting started document when they first use the solution. The documentation includes details on supported operating systems for Azure File upload, and instructions on how to configure the mounted folder.

Solution details

Users table

Column	Description
UserId	unique identifier for and employee
ExpenseAccount	employees expense account number in the format 1234-123-1234
AllowedAmount	limit of allowed expenses before approval is needed
SupervisorId	unique identifier for employee's supervisor
SecurityPin	value used to validate user identity

Web Application

You enable MSI for the Web App and configure the Web App to use the security principal name WebAppIdentity.

Processing

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.

Logging

Azure Application Insights is used for telemetry and logging in both the processor and the web application. The processor also has TraceWriter logging enabled. Application Insights must always contain all log messages.

Requirements

Receipt processing

Concurrent processing of a receipt must be prevented.

Disaster recovery

Regional outage must not impact application availability. All DR operations must not be dependent on application running and must ensure that data in the DR region is up to date.

Security

User's SecurityPin must be stored in such a way that access to the database does not allow the viewing of SecurityPins. The web application is the only system that should have access to SecurityPins.

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.

All access to Azure Storage and Azure SQL database must use the application's Managed Service Identity (MSI).

Receipt data must always be encrypted at rest.

All data must be protected in transit.

User's expense account number must be visible only to logged in users. All other views of the expense account number should include only the last segment, with the remaining parts obscured.

In the case of a security breach, access to all summary reports must be revoked without impacting other parts of the system.

Issues

Upload format issue

Employees occasionally report an issue with uploading a receipt using the web application. They report that when they upload a receipt using the Azure File Share, the receipt does not appear in their profile. When this occurs, they delete the file in the file share and use the web application, which returns a 500 Internal Server error page.

Capacity issue

During busy periods, employees report long delays between the time they upload the receipt and when it appears in the web application.

Log capacity issue

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

Application code

Processing.cs

```
C01 public static class Processing
C02 {
C03   public static class Function
C04   {
C05     [FunctionName("IssueWork")]
C06     public static async Task Run([TimerTrigger("0 */5 * * * *")] TimerInfo timer, ILogger
.og)
C07     {
C08       var container = await GetCloudBlobContainer();
C09       foreach (var fileItem in await ListFiles())
C10       {
C11         var file = new CloudFile(fileItem.StorageUri.PrimaryUri);
C12         var ms = new MemoryStream();
C13         await file.DownloadToStreamAsync(ms);
C14         var blob = container.GetBlockBlobReference(fileItem.Uri.ToString());
C15         await blob.UploadFromStreamAsync(ms);
C16
C17       }
C18     }
C19     private static CloudBlockBlob GetDRBlob(CloudBlockBlob sourceBlob)
C20     {
C21       . . .
C22     }
C23     private static async Task<CloudBlobContainer> GetCloudBlobContainer()
C24     {
C25       var cloudBlobClient = new CloudBlobClient(new Uri(". . ."), await GetCredentials());
C26
C27       await cloudBlobClient.GetRootContainerReference().CreateIfNotExistsAsync();
C28       return cloudBlobClient.GetRootContainerReference();
C29     }
C30     private static async Task<StorageCredentials> GetCredentials()
C31     {
C32       . . .
C33     }
C34     private static async Task<List<IListFileItem>> ListFiles()
C35     {
C36       . . .
C37     }
C37     private KeyVaultClient _keyVaultClient = new KeyVaultClient(". . .");
C38   }

C39 }
```

Database.cs

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```
DB01 public class Database
DB02 {
DB03   private string ConnectionString =
DB04
DB05   public async Task<object> LoadUserDetails(string userId)
DB06   {
DB07
DB08     return await policy.ExecuteAsync(async () =>
DB09     {
DB10       using (var connection = new SqlConnection(ConnectionString))
DB11       {
DB12         await connection.OpenAsync();
DB13         using (var command = new SqlCommand("…", connection))
DB14         using (var reader = command.ExecuteReader())
DB15         {
DB16           …
DB17         }
DB18       }
DB19     });
DB20   }

DB21 }
```

ReceiptUploader.cs

```
RU01 public class ReceiptUploader
RU02 {
RU03   public async Task UploadFile(string file, byte[] binary)
RU04   {
RU05     var httpClient = new HttpClient();
RU06     var response = await httpClient.PutAsync("…", new ByteArrayContent(binary));
RU07     while (ShouldRetry(response))
RU08     {
RU09       response = await httpClient.PutAsync("…", new ByteArrayContent(binary));
RU10     }
RU11   }
RU12   private bool ShouldRetry(HttpResponseMessage response)
RU13   {
RU14
RU15   }
RU16 }
```

ConfigureSSE.ps1

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```
CS01 $storageAccount = Get-AzureRmStorageAccount -ResourceGroupName "..." -AccountName "..."
CS02 $keyVault = Get-AzureRmKeyVault -VaultName "..."
CS03 $key = Get-AzureKeyVaultKey -VaultName $keyVault.VaultName -Name "..."
CS04  Set-AzureRmKeyVaultAccessPolicy `
CS05   -VaultName $keyVault.VaultName `
CS06   -ObjectId $storageAccount.Identity.PrincipalId `
CS07
CS08
CS09  Set-AzureRmStorageAccount `
CS10   -ResourceGroupName $storageAccount.ResourceGroupName `
CS11   -AccountName $storageAccount.StorageAccountName `
CS12   -EnableEncryptionService File `
CS13   -KeyvaultEncryption `
CS14   -KeyName $key.Name
CS15   -KeyVersion $key.Version `
CS16   -KeyVaultUri $keyVault.VaultUri
```

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Microsoft

NEW QUESTION: 35

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 message 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?

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A. Option A

B. Option B

C. Option C

D. Option D

Answer: (SHOW ANSWER)

Explanation

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: 36
You are developing an app that manages users for a video game. You plan to store the region, email address, and phone number for the player. Some players may not have a phone number.
The player's region will be used to load-balance data.
Data for the app must be stored in Azure Table Storage.
You need to develop code to retrieve data for an individual player.
How should you complete the code? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

```
public class PlayerEntity : TableEntity
{
   public PlayerEntity()
   {
   }
   public PlayerEntity(string region, string email)
   {
     ParitionKey = [ ▼ ] ;
                   email
                   phone
                   region
     RowKey=
                 [ ▼ ] ;
                   email
                   phone
                   region
   }
     public string Phone { get; set; }
   }
   public class Player
   }

 protected PlayerEntity player;
 async void GetPlayer(string cs, [ ▼ ] table, string pk, string rk)
                   CloudTable
                   CloudTableClient
                   TableEntity
                   TableEntityAdapter
{
  [ ▼ ]
   TableEntity query =TableEntity.Retrieve<PlayerEntity>(pk, rk);
   TableOperation query =TableOperation.Retrieve<PlayerEntity>(pk,rk);
   TableResult query =TableQuery.Retrieve<PlayerEntity>(pk,rk);
   TableResultSegment query =TableResult.Retrieve<PlayerEntity>(pk, rk);

  [ ▼ ]
   TableEntity data =await table.ExecuteAsync(query);
   TableOperation data =await.table.ExeucteAsync(query);
   TableQuery data =await table.ExecuteAsync(query);
   TableResult data =await table.ExecuteAsync(query);
 player=data.Result as PlayerEntity;
 }
}
```

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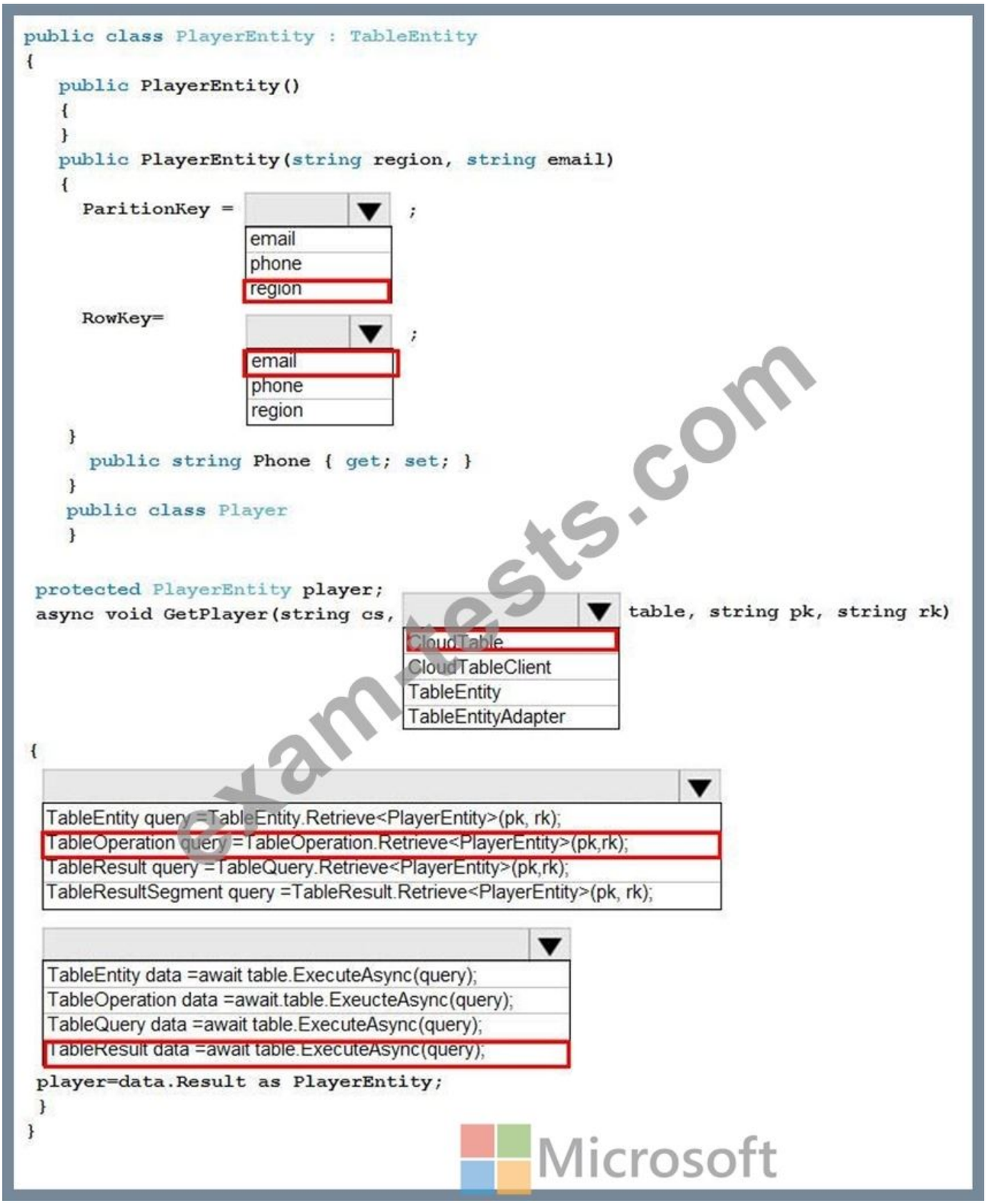
Answer:



References:
https://docs.microsoft.com/en-us/rest/api/storageservices/designing-a-scalable-partitioning-strategy-for-azure-table-storage

NEW QUESTION: 37

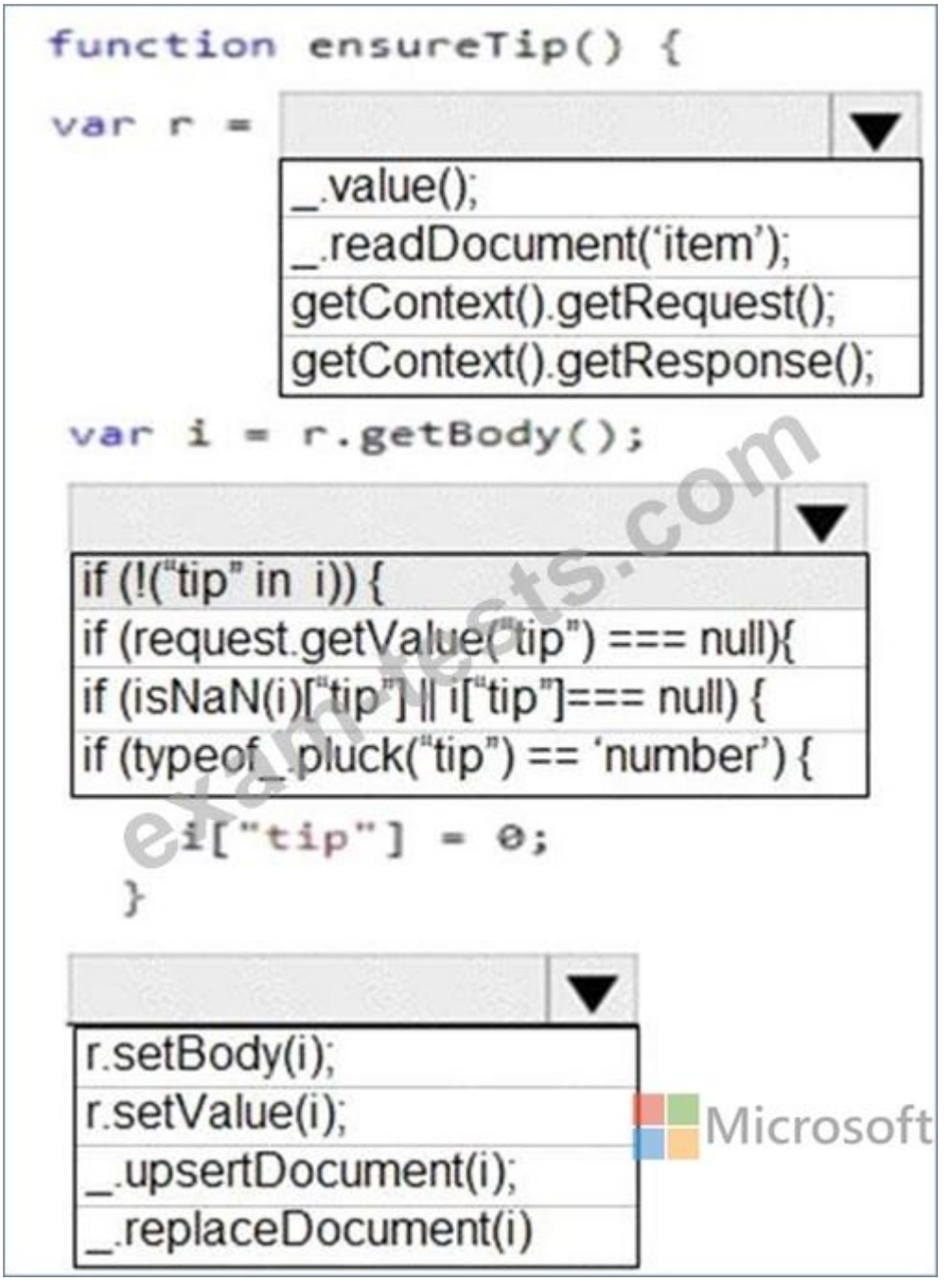
You have a web service that is used to pay for food deliveries. The web service uses Azure Cosmos DB as the data store.

You plan to add a new feature that allows users to set a tip amount. The new feature requires that a property named tip on the document in Cosmos DB must be present and contain a numeric value.

There are many existing websites and mobile apps that use the web service that will not be updated to set the tip property for some time.

How should you complete the trigger?

NOTE: Each correct selection is worth one point.



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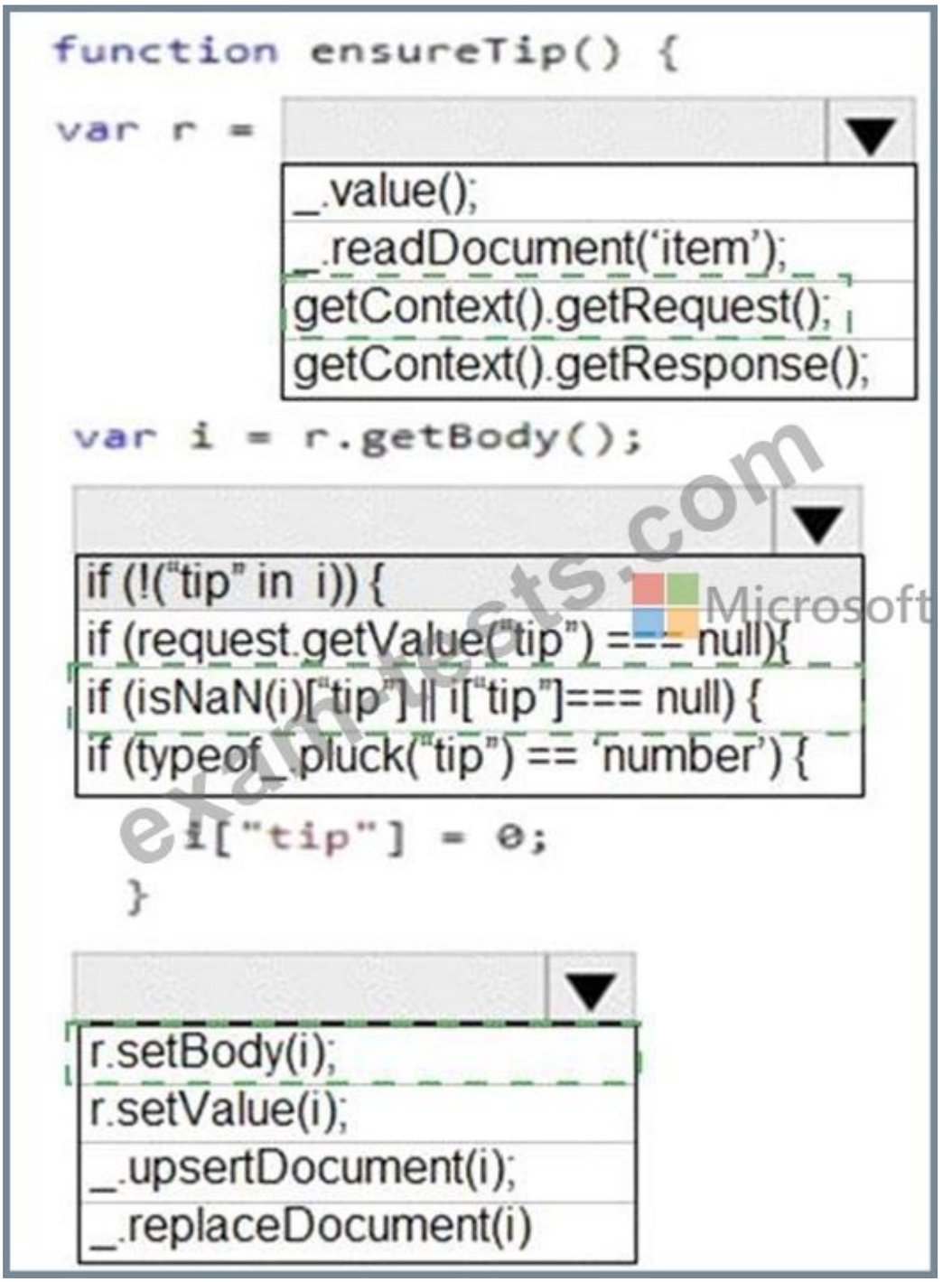
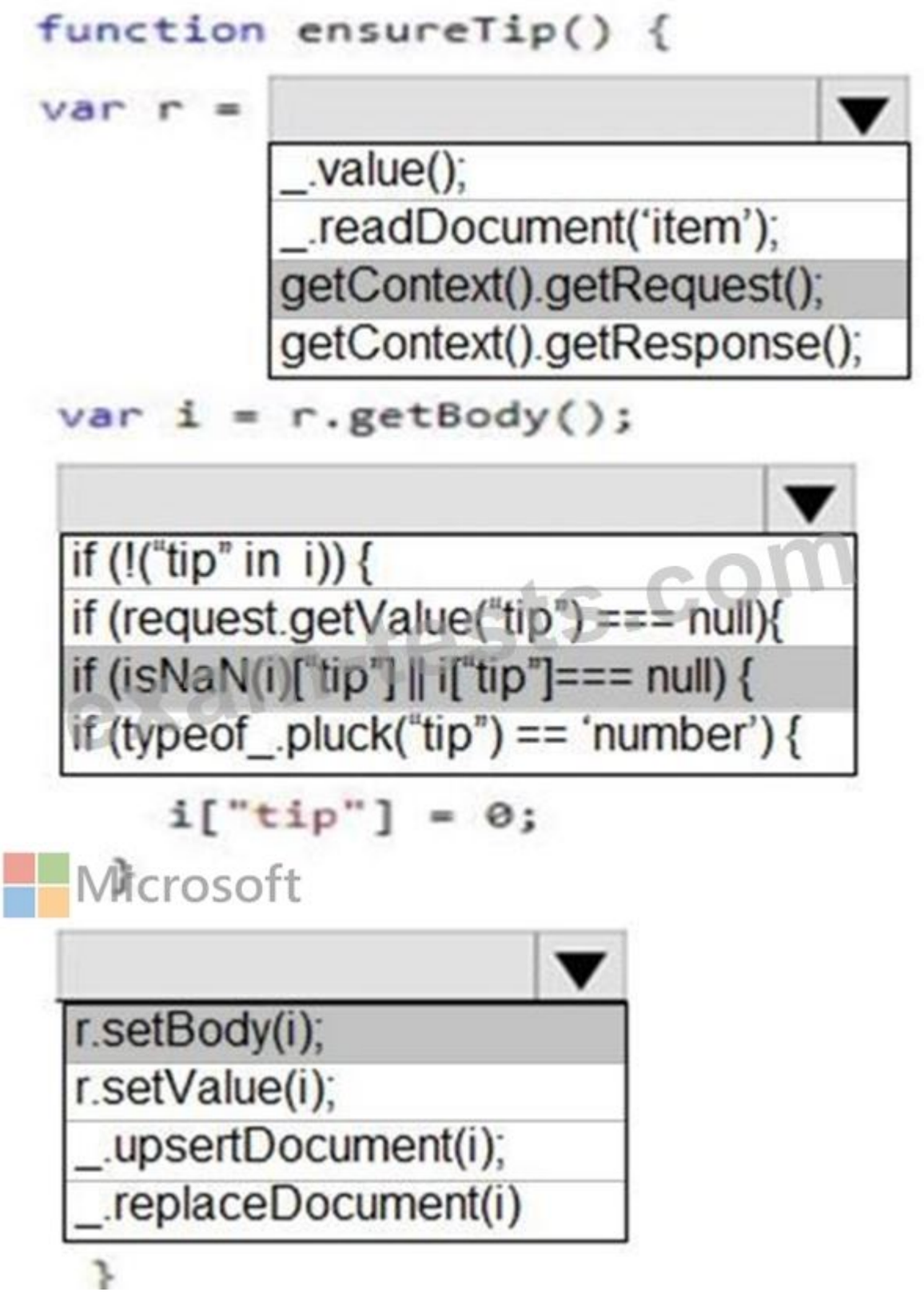
Answer:



Explanation



Box 1: getContext().getRequest();

Box 2: if(isNaN(i)["tip"] ..

In JavaScript, there are two ways to check if a variable is a number :

isNaN() - Stands for "is Not a Number", if variable is not a number, it return true, else return false.

typeof - If variable is a number, it will returns a string named "number".

Box 3:r.setBody(i);

// update the item that will be created
References:
https://docs.microsoft.com/bs-latn-ba/azure/cosmos-db/how-to-write-stored-procedures-triggers-udfs
https://mkyong.com/javascript/check-if-variable-is-a-number-in-javascript/

NEW QUESTION: 38
Case Study 7
Policy service
You develop and deploy a stateful ASP.NET Core 2.1 web application named Policy service to an Azure App Service Web App. The application reacts to events from Azure Event Grid and performs policy actions based on those events.
The application must include the Event Grid Event ID field in all Application Insights telemetry.
Policy service must use Application Insights to automatically scale with the number of policy actions that it is performing.
Other
Anomaly detection service
You have an anomaly detection service that analyzes log infrmation 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.
Health monitoring
All web applications and services have health monitoring at the /health service endpoint.
Issues
Policy loss
When you deploy Policy service, policies may not be applied if they were in the process of being applied during the deployment.
Performance issue
When under heavy load, the anomaly detection service undergoes slowdowns and rejects connections.
Notification latency
Users report that anomaly detection emails can sometimes arrive several minutes after an anomaly is detected.
Policies
Log policy
All Azure App Service Web Apps must write logs to Azure Blob storage. All log files should be saved to a container named logdrop. Logs must remain in the container for 15 days.
Authentication events
Authentication events are used to monitor users signing in and signing out. All authentication events must be processed by Policy service. Sign outs must be processed as quickly as possible.
PolicyLib

You have a shared library named PolicyLib that contains functionality common to all ASP.NET Core web services and applications. The PolicyLib library must:

* Exclude non-user actions from Application Insights telemetry.
* Provide methods that allow a web service to scale itself.
* Ensure that scaling actions do not disrupt application usage.

Relevant portions of the app files are shown below. Line numbers are included for reference only and include a two-character prefix that denotes the specific file to which they belong.

```
EventGridController.cs
EG01 public class EventGridController : Controller
EG02 {
EG03   public static AsyncLocal<string> EventId = new AsyncLocal<string>();
EG04   public IactionResult Process([FromBody] string eventsJson)
EG05   {
EG06     var events = JArray.Parse(eventsJson);
EG07
EG08     foreach (var @event in events)
EG09     {
EG10       EventId.Value = @event["id"].ToString();
EG11       if (@event["topic"].ToString(). Contains("providers/Microsoft.Storage"))
EG12       {
EG13      SendToAnomalyDetection Service(@event["data"]["url"].ToString());
EG14        }
EG15
EG16       {
EG17      EnsureLogging(@event["subject"].ToString());
EG18        }
EG19     }
EG20     return null;
EG21  }
EG22  private void EnsureLogging(string resource)
EG23  {
EG24     . . .
EG25   }
EG26   private async Task SendToAnomalyDetectionService(string uri)
EG27  {
EG28   var content = GetLogData(uri)
EG29   var scoreRequest = new
EG30   {
EG31     Inputs = new Dictionary<string, List<Dictionary<string, string>>>()
EG32      {
EG33      {
EG34         "input1",
EG35       new List<Dictionary<string, string>>()
EG36      {
EG37        new Dictionary<string, string>()
EG38      {
EG39        {
EG40           "logContent", content
EG41        }
EG42      }
EG43        }
EG44    },
EG45    },
EG46   GlobalParameters = new Dictionary<string, string>() { }
EG47  };
EG48  var result = await (new HttpClient()).PostAsJsonAsync(" …", scoreRequest);
EG49  var rawModelResult = await result.Content.ReadAsStringAsync();
EG50  var modelResult = JObject.Parse(rawModelResult);
```

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```
EG51 if (modelResult ["notify"].HasValues)
EG52   {
EG53    . . .
EG54    }
EG55  }
EG56  private (string name, string resourceGroup) ParseResourceId(string resourceId)
EG57  {
EG58    . . .
EG59  }
EG60  private string GetLogData(string uri)
EG61  {
EG62    . . .
EG63   }
EG64   static string BlobStoreAccountSAS (string containerName)
EG65   {
EG66    . . .
EG67   }
EG68 }
```

Microsoft

Relevant portions of the app files are shown below. Line numbers are included for reference only and include a two-character prefix that denotes the specific file to which they belong.

LoginEvent.cs

```
LE01 public class LoginEvent
LE02 {
LE03
LE04 public string subject { get ; set ; }
LE05 public DateTime eventTime { get ; set ; }
LE06 public Dictionary<string, string> data { get; set; }
LE07 public string Serialize()
LE08 {
LE09     return JsonConvert.SerializeObject(this);
LE10 }
LE11 }
```

exam-tests.com

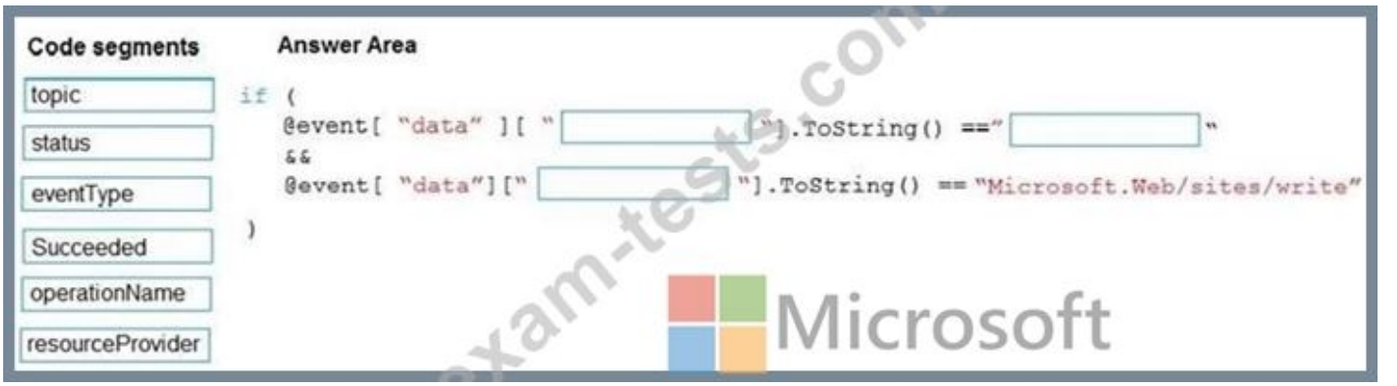
Microsoft

Drag and Drop Question

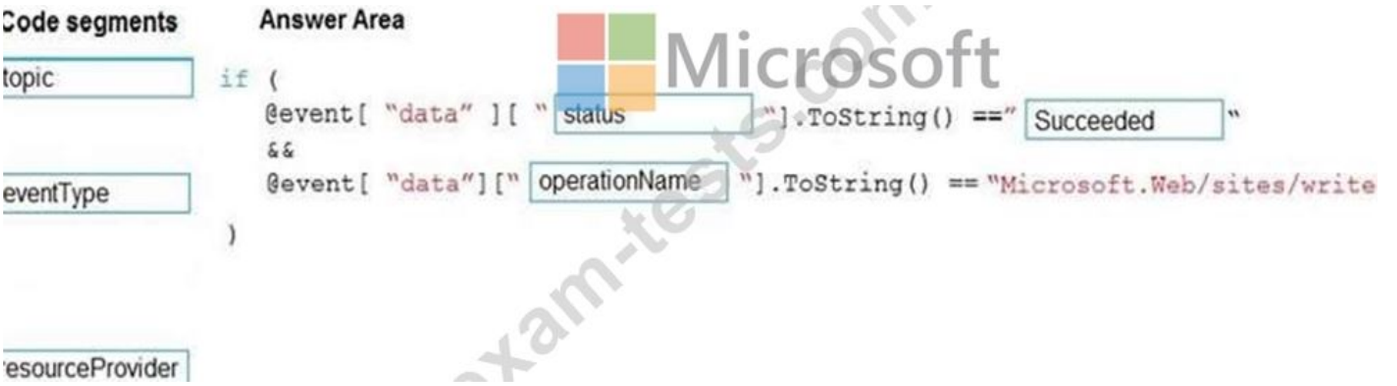
You need to add code at line EG15 in EventGridController.cs to ensure that the Log policy applies to all services.

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.



Answer:



Explanation:

Scenario, Log policy: All Azure App Service Web Apps must write logs to Azure Blob storage.

Box 1: Status

Box 2: Succeeded

Box 3: operationName

Microsoft.Web/sites/write is resource provider operation. It creates a new Web App or updates an existing one, References:

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

NEW QUESTION: 39

You are developing applications for a company. You plan to host the applications on Azure App Services.

The company has the following requirements:

* Every five minutes verify that the websites are responsive.
* Verify that the websites respond within a specified time threshold. Dependent requests such as images and JavaScript files must load properly.
* Generate alerts if a website is experiencing issues.
* If a website fails to load, the system must attempt to reload the site three more times.

You need to implement this process with the least amount of effort.

What should you do?

D18912E1457D5D1DDCBD40AB3BF70D5D

A. Create a Selenium web test and configure it to run from your workstation as a scheduled task.

B. Set up a URL ping test to query the home page.

C. Create an Azure function to query the home page.

D. Create a multi-step web test to query the home page.

E. Create a Custom Track Availability Test to query the home page.

Answer: D (LEAVE A REPLY)

Explanation

You can monitor a recorded sequence of URLs and interactions with a website via multi-step web tests.

Reference:

https://docs.microsoft.com/en-us/azure/azure-monitor/app/availability-multistep

NEW QUESTION: 40

You need to update the APIs to resolve the testing error.

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

NOTE: Each correct selection is worth one point.

Answer:

Explanation

Enable Cross-Origin Resource Sharing (CORS) on your Azure App Service Web App.

Enter the full URL of the site you want to allow to access your WEB API or * to allow all domains.

Box 1: cors

Box 2: add

Box 3: allowed-origins

Box

4: http://testwideworldimporters.com/

References:

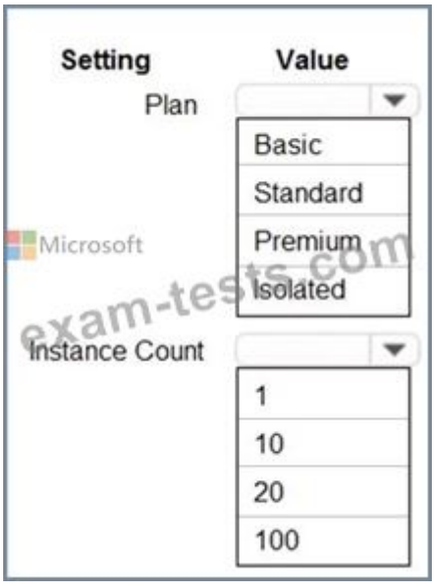
http://donovanbrown.com/post/How-to-clear-No-Access-Control-Allow-Origin-header-error-wit h-Azure-App-Service

NEW QUESTION: 41

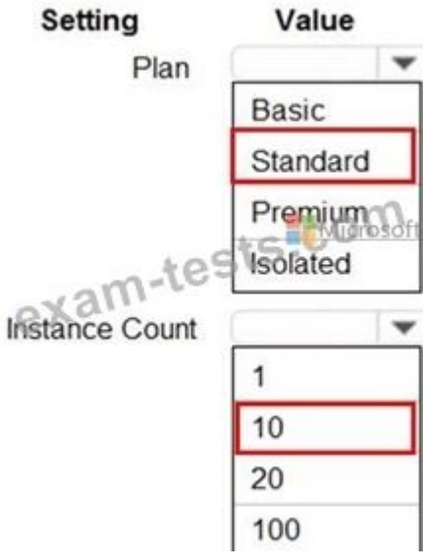
You need to configure Azure App Service to support the REST API requirements.

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

NOTE: Each correct selection is worth one point.

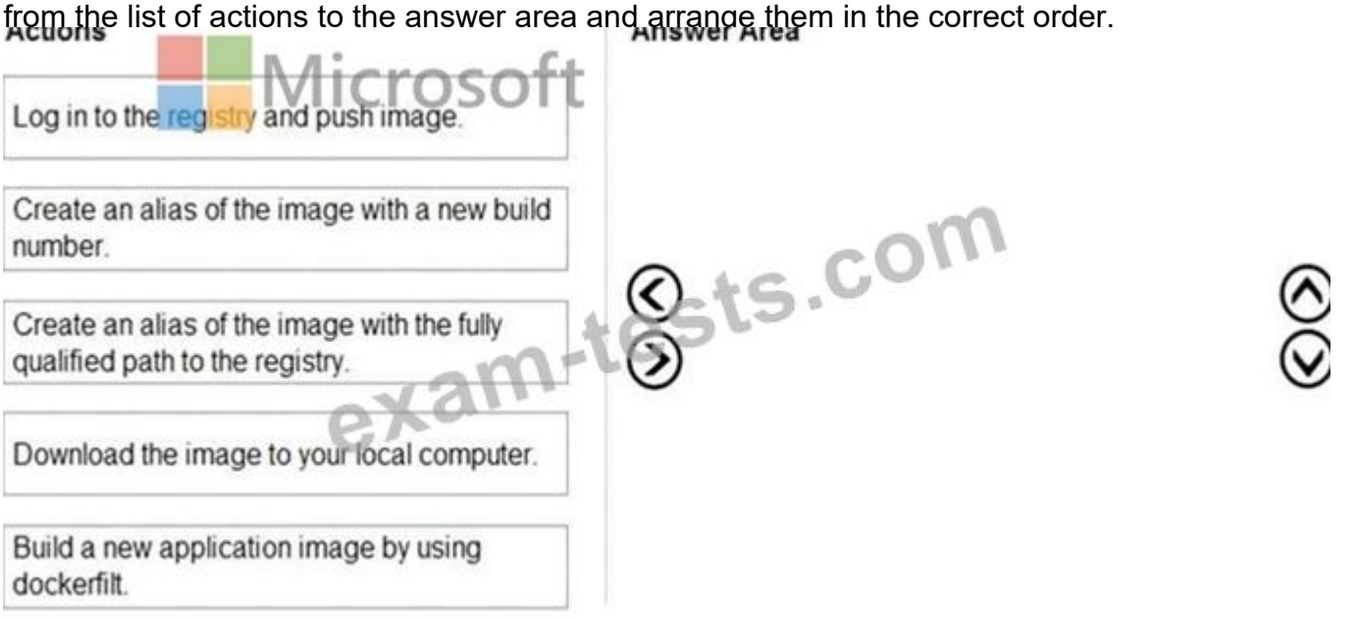


Answer:

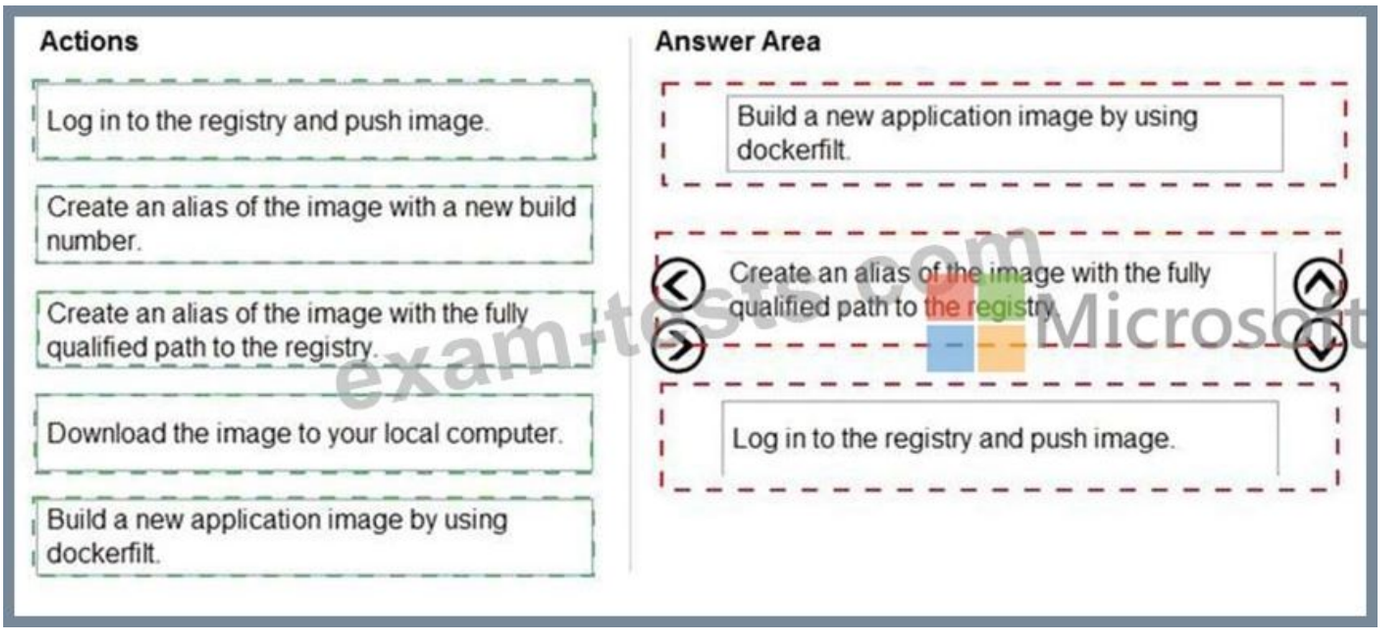


Reference:
https://azure.microsoft.com/en-us/pricing/details/app-service/plans/

NEW QUESTION: 42
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.

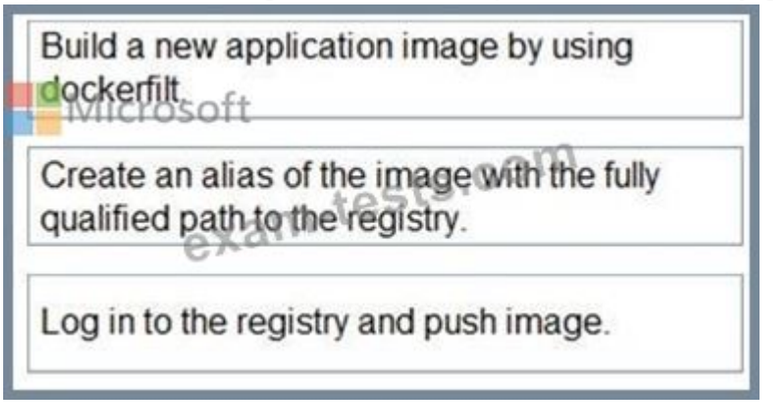


Answer:



Explanation

A picture containing timeline Description automatically generated



Step 1: Build a new application image by using dockerfile

Step 2: Create an alias if the image with the fully qualified path to the registry Before you can push the image to a private registry, you've to ensure a proper image name. This can be achieved using the docker tag command. For demonstration purpose, we'll use Docker's hello world image, rename it and push it to ACR.

pulls hello-world from the public docker hub

$ docker pull hello-world

tag the image in order to be able to push it to a private registry

$ docker tag hello-word <REGISTRY_NAME>/hello-world

push the image

$ docker push <REGISTRY_NAME>/hello-world

Step 3: Log in to the registry and push image

In order to push images to the newly created ACR instance, you need to login to ACR form the Docker CLI.

Once logged in, you can push any existing docker image to your ACR instance.

Scenario:

Coho Winery plans to move the application to Azure and continue to support label creation.

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.
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: 43
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 medical records document management website. The website is used to store scanned copies of patient intake forms.
If the stored intake forms are downloaded from storage by a third party, the contents of the forms must not be compromised.
You need to store the intake forms according to the requirements.
Solution:
1. Create an Azure Key Vault key named skey.
2. Encrypt the intake forms using the public key portion of skey.
3. Store the encrypted data in Azure Blob storage.
Does the solution meet the goal?
A. No
B. Yes
Answer: B (LEAVE A REPLY)

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 are developing an Azure solution to collect point-of-sale (POS) device data from 2,000 stores located throughout the world. A single device can produce 2 megabytes (MB) of data every 24 hours. Each store location has one to five devices that send data.
You must store the device data in Azure Blob storage. Device data must be correlated based on a device identifier. Additional stores are expected to open in the future.
You need to implement a solution to receive the device data.

Solution: Provision an Azure Event Grid. Configure event filtering to evaluate the device identifier.
Does the solution meet the goal?

A. Yes

B. No

Answer: B (LEAVE A REPLY)

Instead use an Azure Service Bus, which is used order processing and financial transactions.
Note: An event is a lightweight notification of a condition or a state change. Event hubs is usually used reacting to status changes.
Reference:
https://docs.microsoft.com/en-us/azure/event-grid/compare-messaging-services

Topic 1, Windows Server 2016 virtual machine

Case study

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. If the case study has an All Information tab, note that the information displayed is identical to the information displayed on the subsequent tabs. When you are ready to answer a question, click the Question button to return to the question.

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:

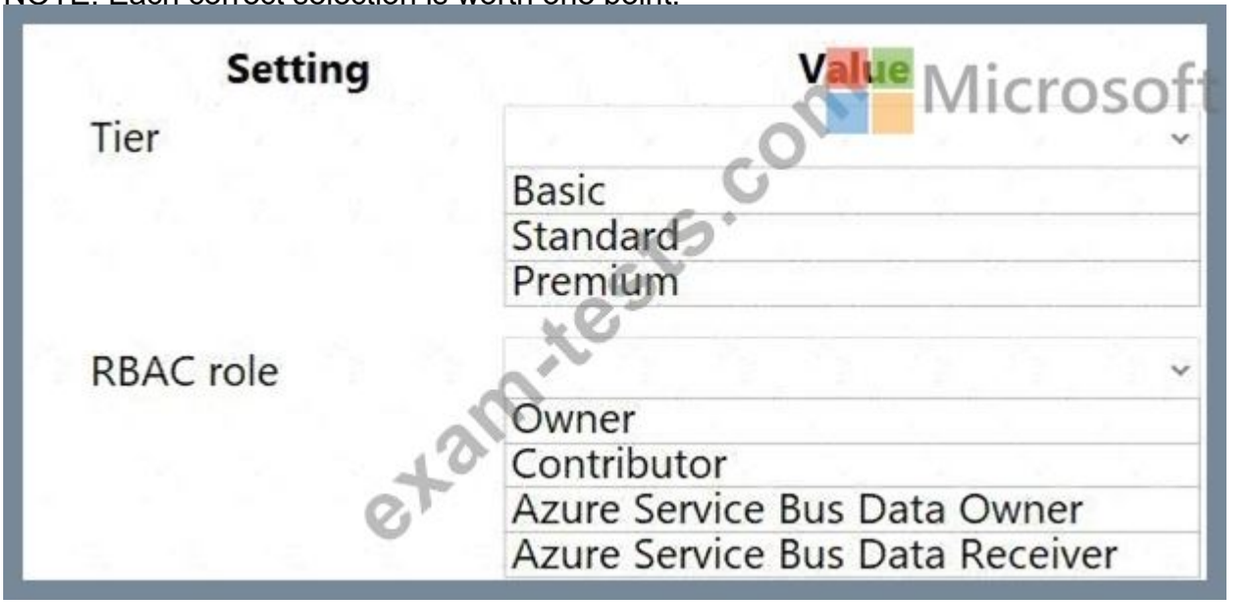
* Container API - This API provides container information including weight, contents, and other attributes.
* Location API - This API provides location information regarding shipping ports of call and

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:

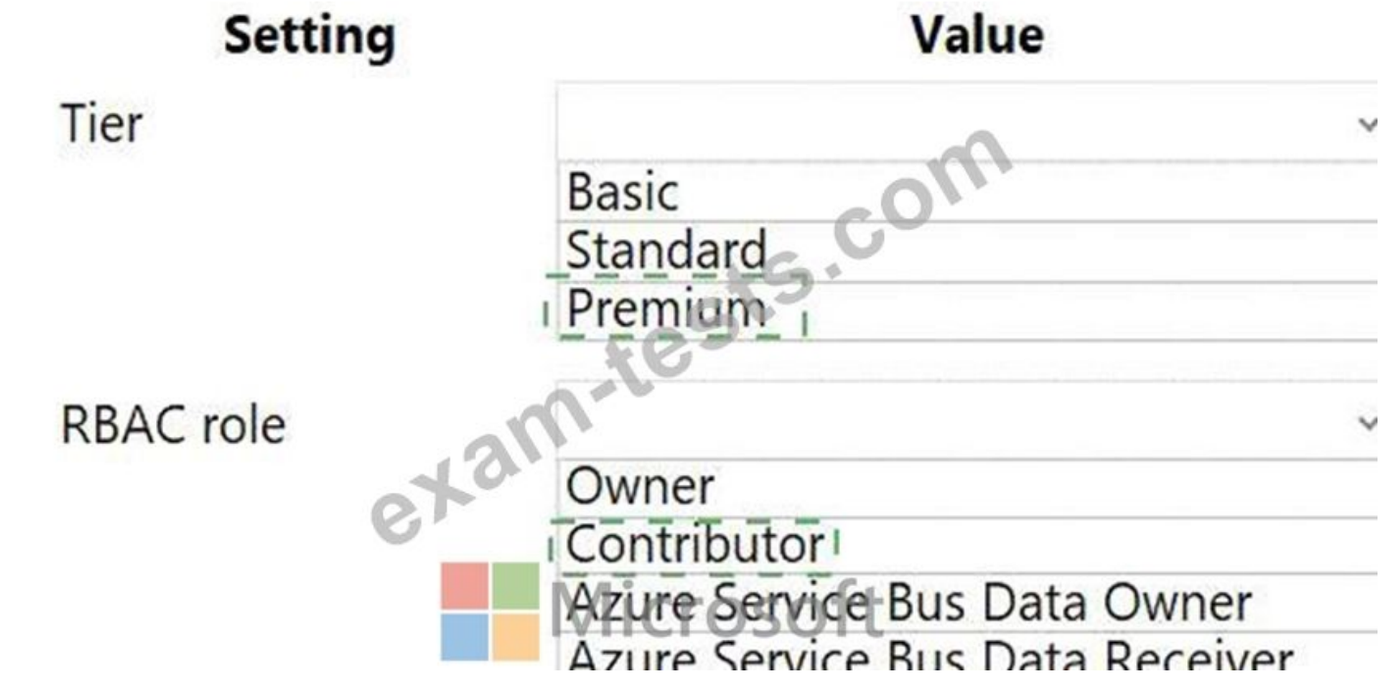
Requirements
Shipping Logic app
The Shipping Logic app must meet the following requirements:
* Support the ocean transport and inland transport workflows by using a Logic App.
* Support industry-standard protocol X12 message format for various messages including vessel content details and arrival notices.
* 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.

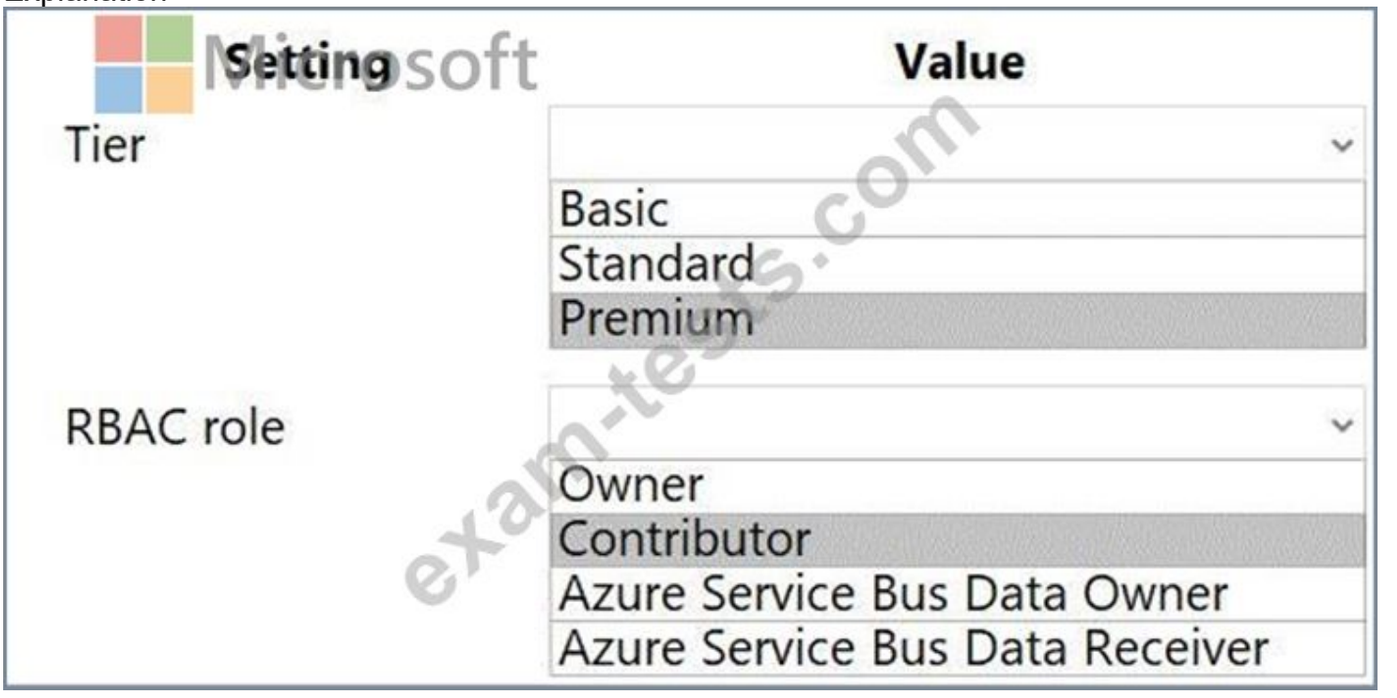
NEW QUESTION: 45
You need to configure Azure Service Bus to Event Grid integration.
Which Azure Service Bus settings should you use? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.



Answer:



Explanation



Box 1: Premium

Service Bus can now emit events to Event Grid when there are messages in a queue or a subscription when no receivers are present. You can create Event Grid subscriptions to your Service Bus namespaces, listen to these events, and then react to the events by starting a receiver. With this feature, you can use Service Bus in reactive programming models.

To enable the feature, you need the following items:

A Service Bus Premium namespace with at least one Service Bus queue or a Service Bus topic with at least one subscription.

Contributor access to the Service Bus namespace.

Box 2: Contributor

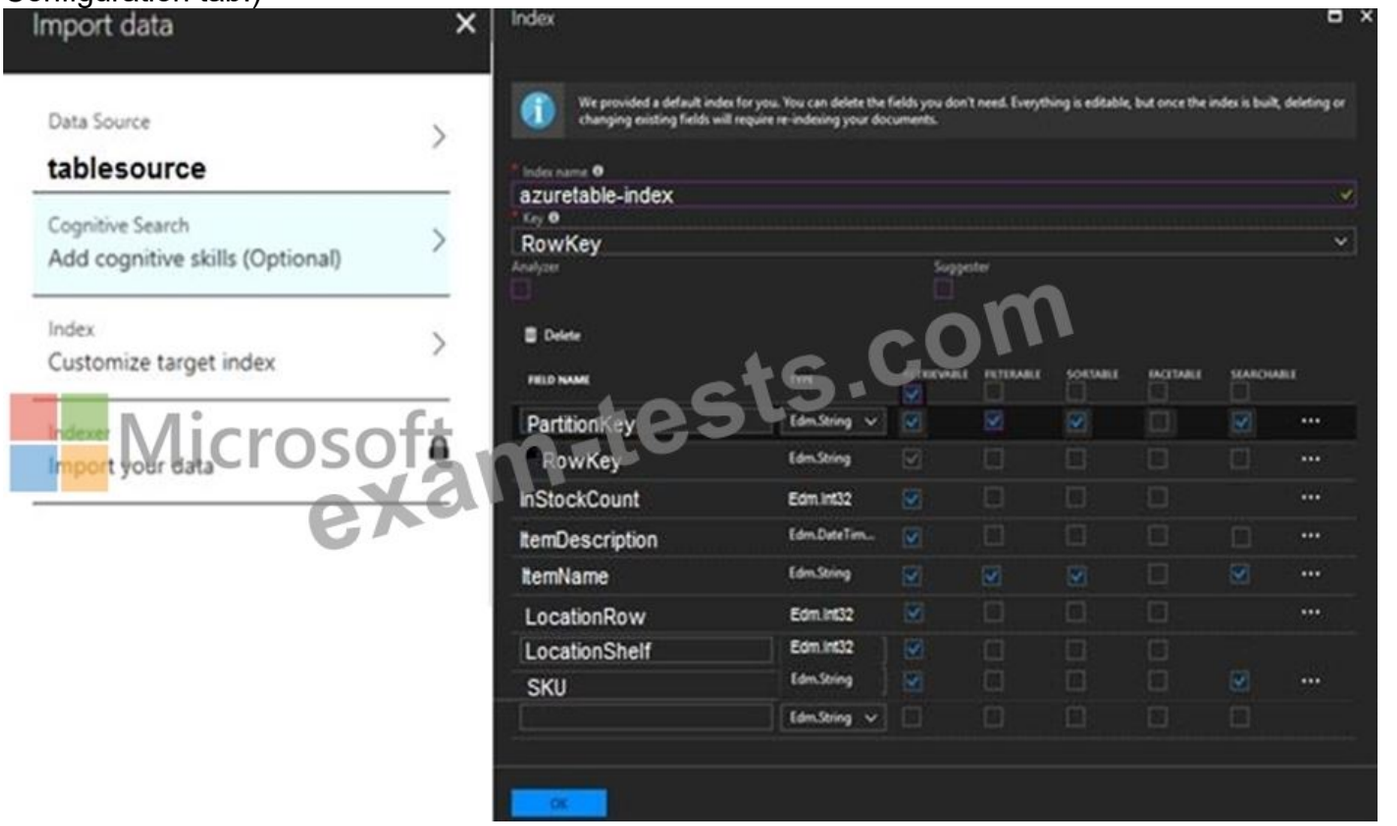
Reference:

https://docs.microsoft.com/en-us/azure/service-bus-messaging/service-bus-to-event-grid-integration-concept

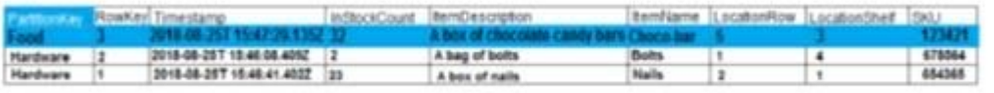
NEW QUESTION: 46

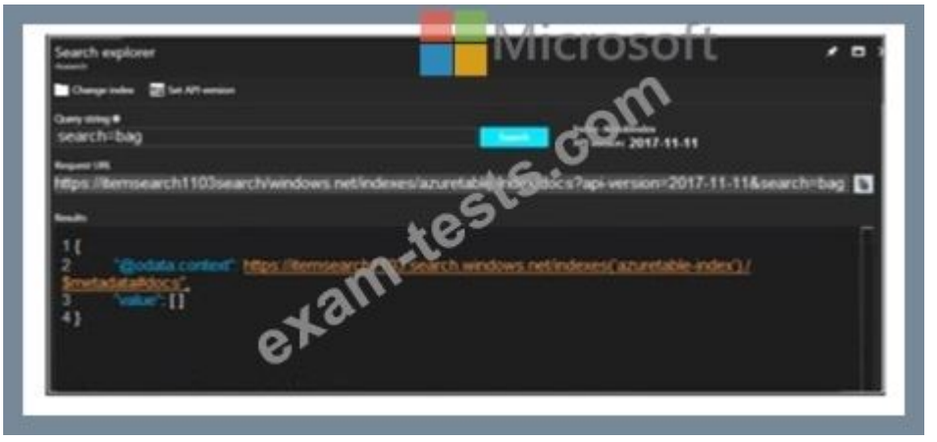
You are validating the configuration of an Azure Search indexer.

The service has been configured with an indexer that uses the Import Data option. The index is configured using options as shown in the Index Configuration exhibit. (Click the Index Configuration tab.)



You use an Azure table as the data source for the import operation. The table contains three records with item inventory data that matches the fields in the Storage data exhibit. These records were imported when the index was created. (Click the Storage Data tab.) When users search with no filter, all three records are displayed.

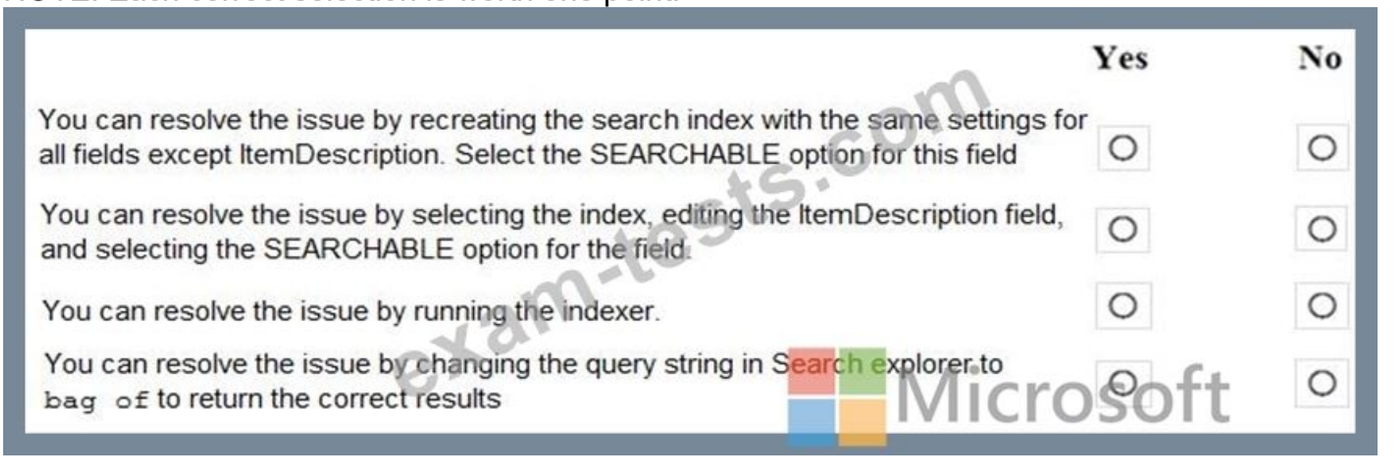




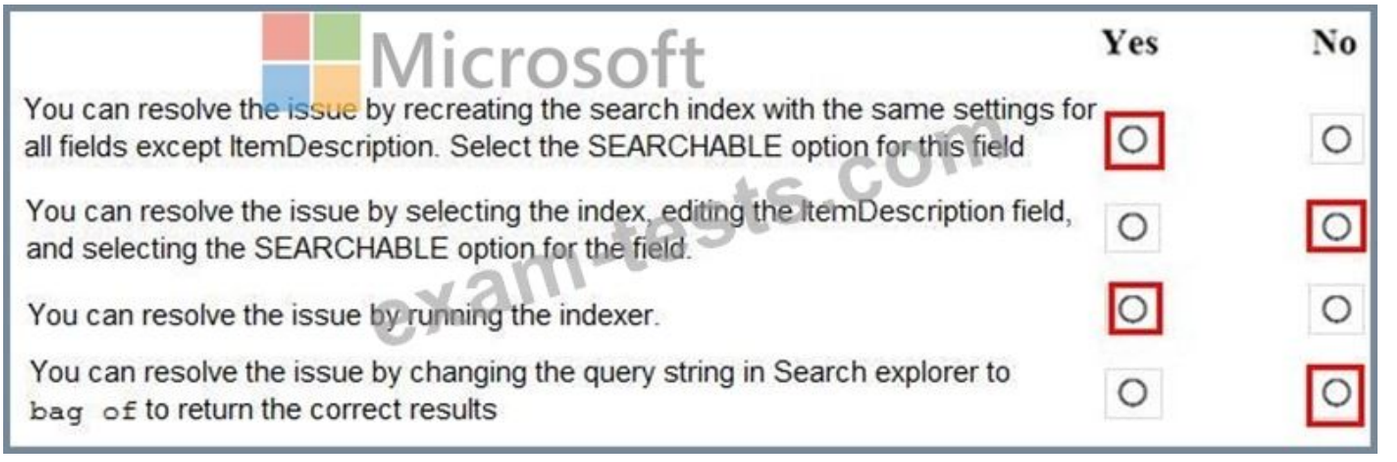
When users search for items by description, Search explorer returns no records. The Search Explorer exhibit shows the query and results for a test. In the test, a user is trying to search for all items in the table that have a description that contains the word bag. (Click the Search Explorer tab.) You need to resolve the issue.

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

NOTE: Each correct selection is worth one point.



Answer:



References:

https://docs.microsoft.com/en-us/azure/search/search-what-is-an-index

https://docs.microsoft.com/en-us/azure/search/search-indexer-overview

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NEW QUESTION: 47

You are developing a .NET application that communicates with Azure Storage.

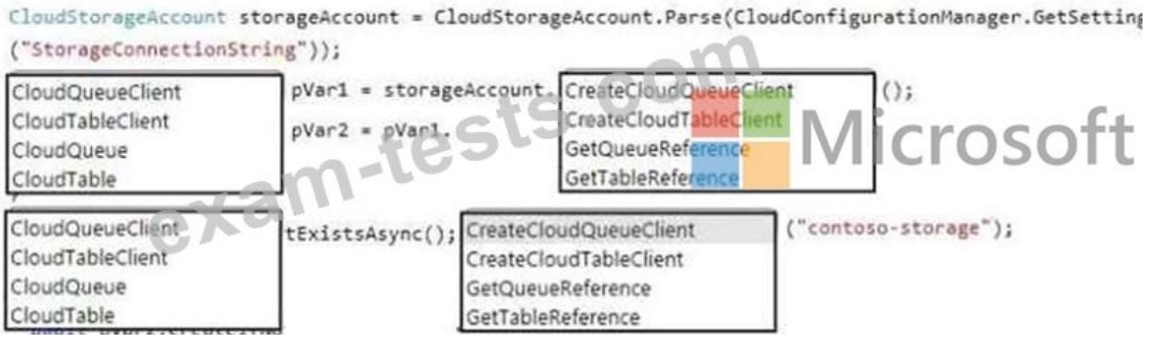
A message must be stored when the application initializes.

You need to implement the message.

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

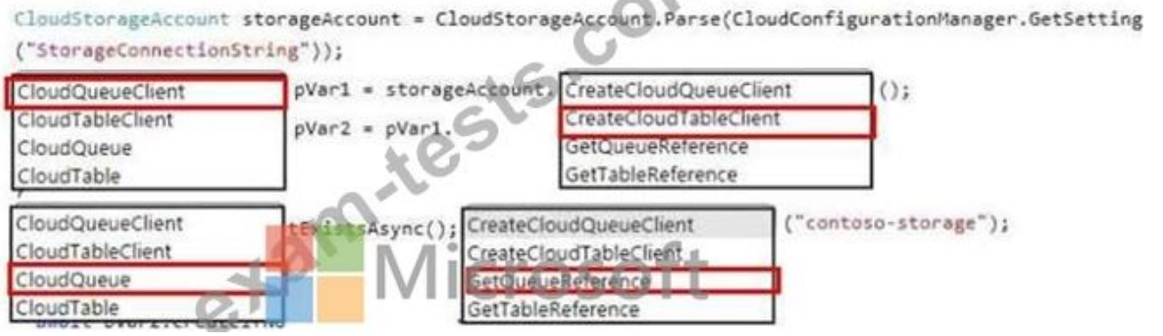
NOTE: Each correct selection is worth one point.

Answer Area



Answer:

Answer Area



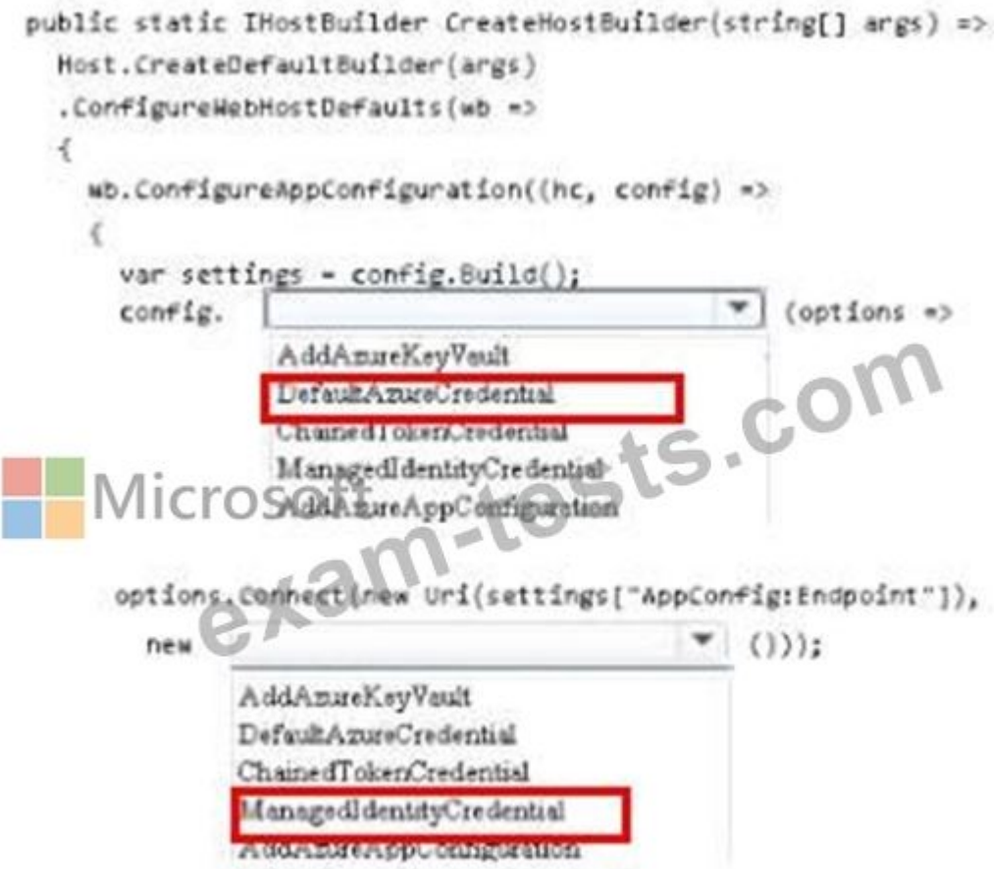
NEW QUESTION: 48

You are a developer building a web site using a web app. The web site stores configuration data in Azure App Configuration. Access to Azure App Configuration has been configured to use the identity of the web app for authentication. Security requirements specify that no other authentication systems must be used.

You need to load configuration data from Azure App Configuration.

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

Answer:



NEW QUESTION: 49

You have a web service that is used to pay for food deliveries. The web service uses Azure Cosmos DB as the data store.

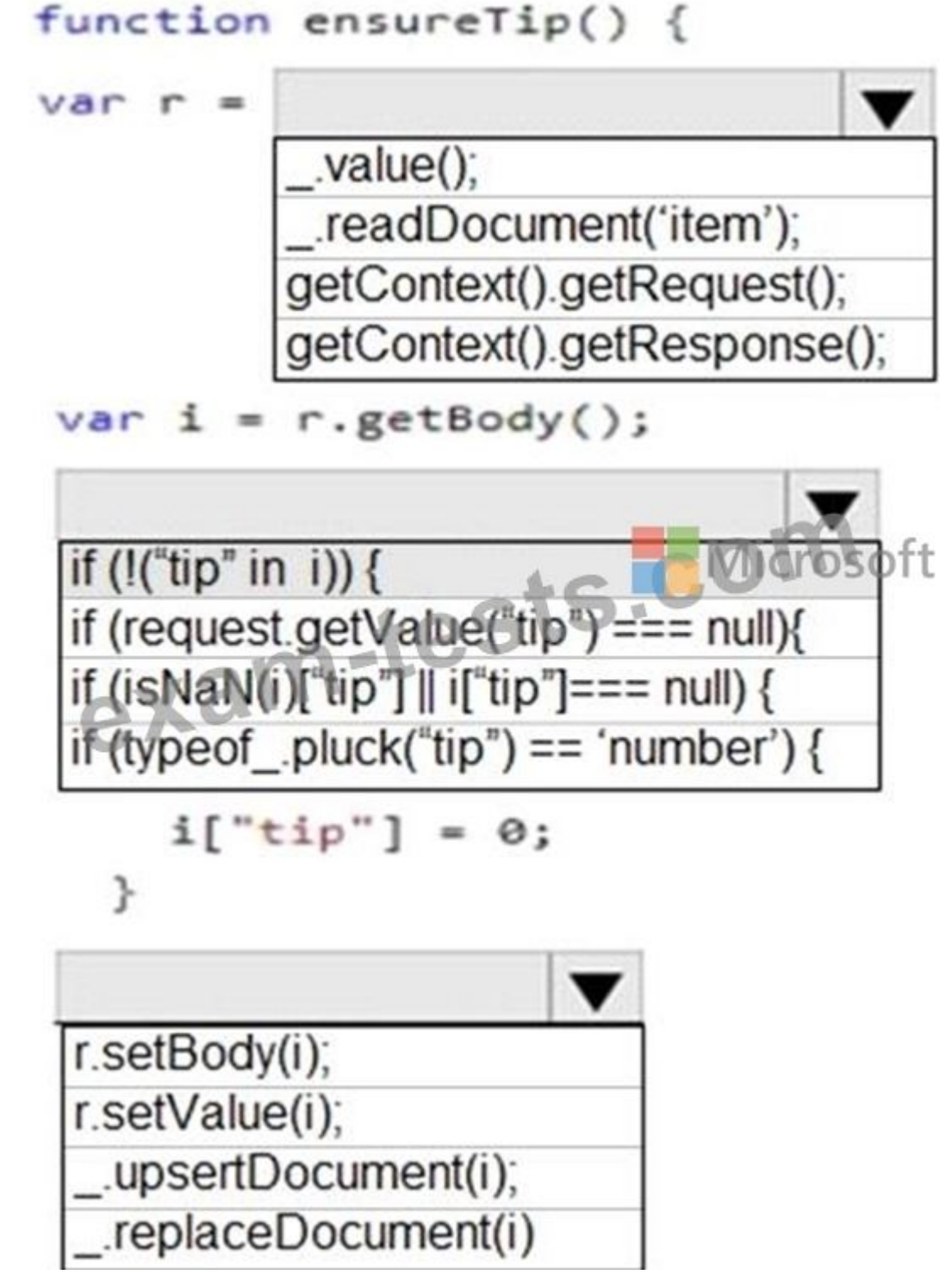
You plan to add a new feature that allows users to set a tip amount. The new feature requires that a property named tip on the document in Cosmos DB must be present and contain a numeric value.

There are many existing websites and mobile apps that use the web service that will not be

updated to set the tip property for some time.

How should you complete the trigger?

NOTE: Each correct selection is worth one point.



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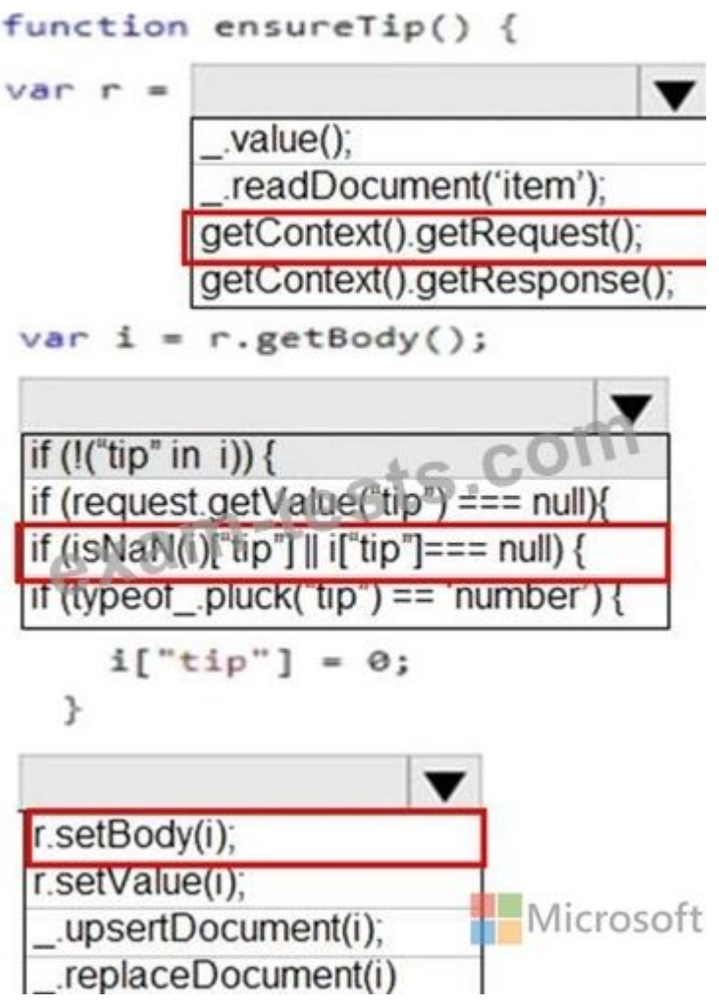
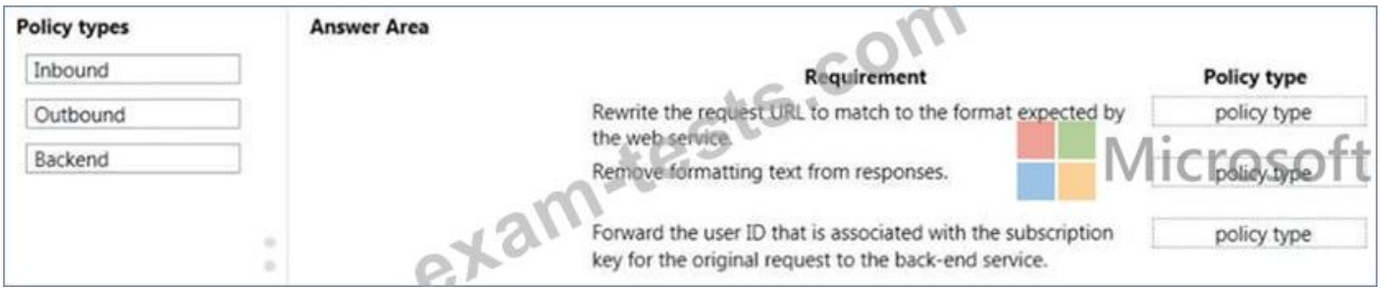
Answer:



References:
https://docs.microsoft.com/bs-latn-ba/azure/cosmos-db/how-to-write-stored-procedures-triggers-udfs
https://mkyong.com/javascript/check-if-variable-is-a-number-in-javascript/

NEW QUESTION: 50
You have an application that provides weather forecasting data to external partners. You use Azure API Management to publish APIs.
You must change the behavior of the API to meet the following requirements:
* Support alternative input parameters.
* Remove formatting text from responses.
* Provide additional context to back-end services.
Which types of policies should you implement? To answer, drag the policy types to the correct scenarios. Each policy type 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.

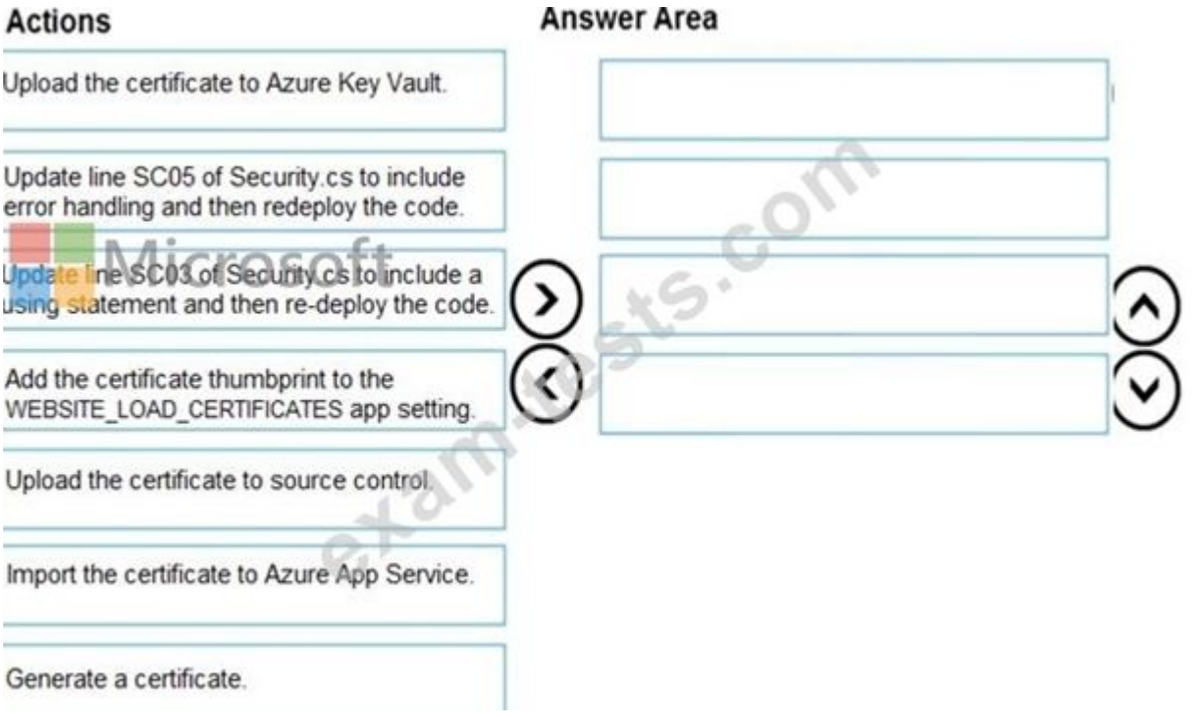


Answer:

NEW QUESTION: 51

You need to correct the corporate website error.

Which four actions should you recommend be performed 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:

Explanation:

Scenario: Corporate website

While testing the site, the following error message displays:

CryptographicException: The system cannot find the file specified.

Step 1: Generate a certificate

Step 2: Upload the certificate to Azure Key Vault

Scenario: All SSL certificates and credentials must be stored in Azure Key Vault.

Step 3: Import the certificate to Azure App Service

Step 4: Update line SCO5 of Security.cs to include error handling and then redeploy the code

Reference:

https://docs.microsoft.com/en-us/azure/app-service/configure-ssl-certificate

NEW QUESTION: 52

You have a single page application (SPA) web application that manages information based on data returned by Microsoft Graph from another company's Azure Active Directory (Azure AD) instance.

Users must be able to authenticate and access Microsoft Graph by using their own company's Azure AD instance.

You need to configure the application manifest for the app registration.

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

NOTE: Each correct selection is worth one point.

Answer:

Answer Area

NEW QUESTION: 53

You need to access data from the user claim object in the e-commerce web app.

What should you do first?

A. Write custom code to make a Microsoft Graph API call from the e-commerce web app.

B. Assign the Contributor RBAC role to the e-commerce web app by using the Resource Manager create role assignment API.

C. Update the e-commerce web app to read the HTTP request header values.

D. Using the Azure CLI, enable Cross-origin resource sharing (CORS) from the e-commerce checkout API to the e-commerce web app.

Answer: C (LEAVE A REPLY)

Methods to Get User Identity and Claims in a .NET Azure Functions App include:

ClaimsPrincipal from the Request Context

The ClaimsPrincipal object is also available as part of the request context and can be extracted from the HttpRequest.HttpContext.

User Claims from the Request Headers.

App Service passes user claims to the app by using special request headers.

Reference:

https://levelup.gitconnected.com/four-alternative-methods-to-get-user-identity-and-claims-in-a-net-azurefunctions-app-df98c40424bb

NEW QUESTION: 54

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": [ "[      ]" ]
  } }
]
```

DeliveryRuleIsDeviceConditionParameters
DeliveryRuleCookiesConditionParameters
DeliveryRulePostArgsConditionParameters
DeliveryRuleRequestHeaderConditionParameters

iOS
Mobile
iPhone
Desktop

DeliveryRuleIsDeviceConditionParameters
DeliveryRuleCookiesConditionParameters
DeliveryRulePostArgsConditionParameters
DeliveryRuleRequestHeaderConditionParameters

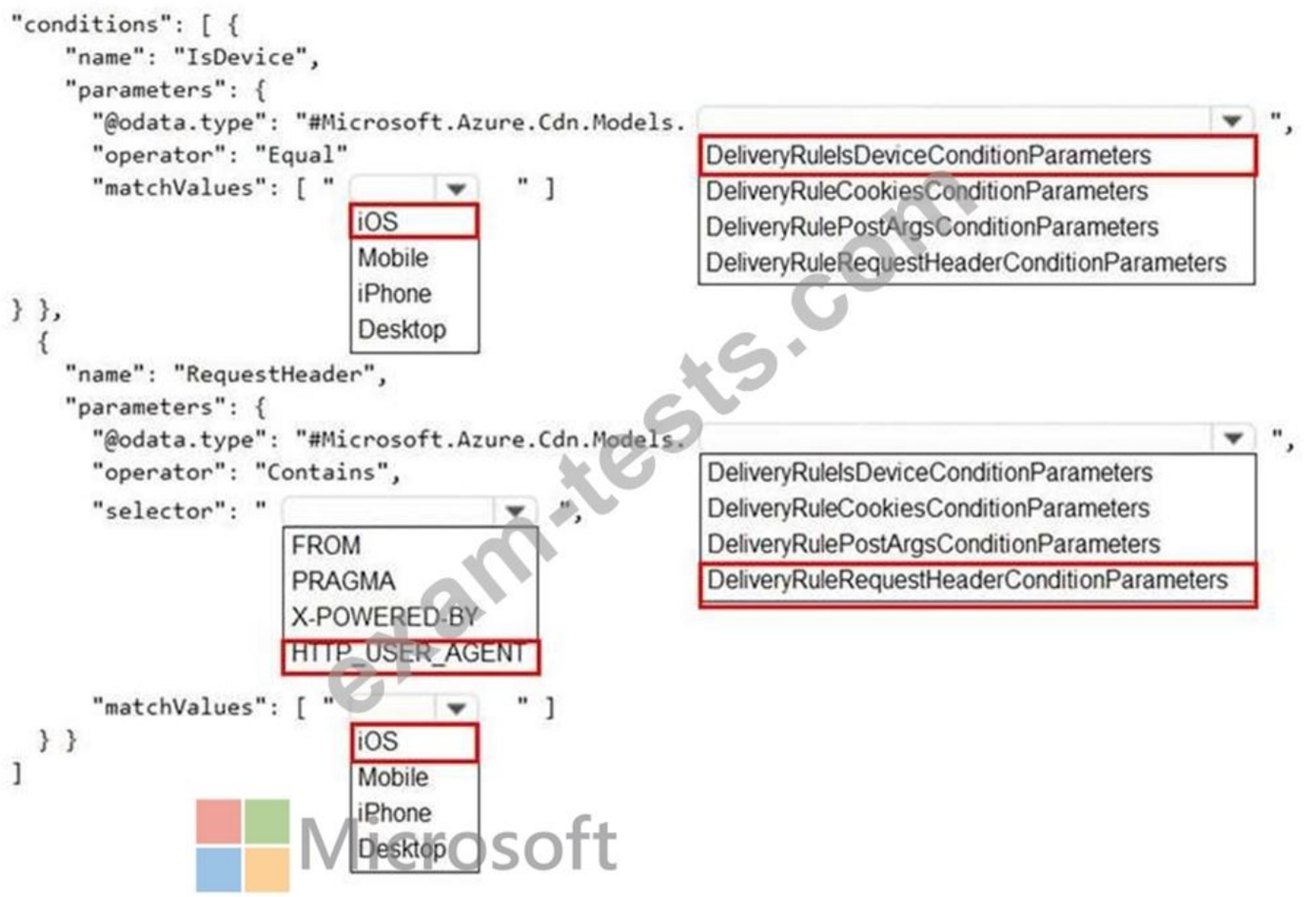
FROM
PRAGMA
X-POWERED-BY
HTTP_USER_AGENT

iOS
Mobile
iPhone
Desktop

Microsoft
exam-tests.com

Answer:

Answer Area



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: 55
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: B (LEAVE A REPLY)
Explanation
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.

NEW QUESTION: 56

You are developing a web application that will use Azure Storage. Older data will be less frequently used than more recent data.

You need to configure data storage for the application. You have the following requirements:

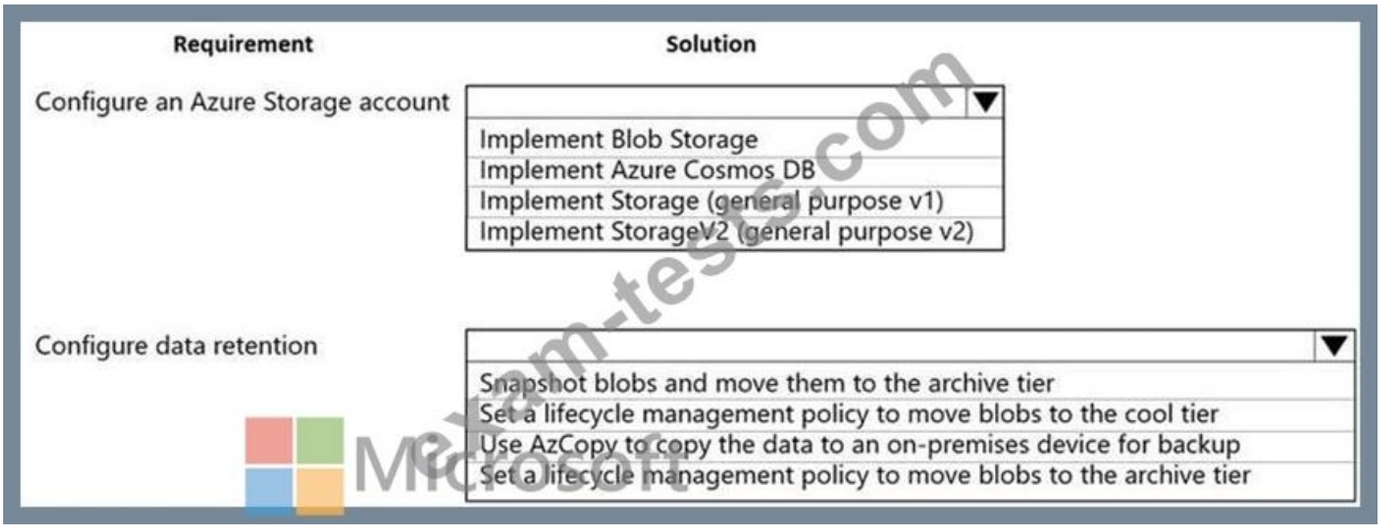
Retain copies of data for five years.

Minimize costs associated with storing data that is over one year old.

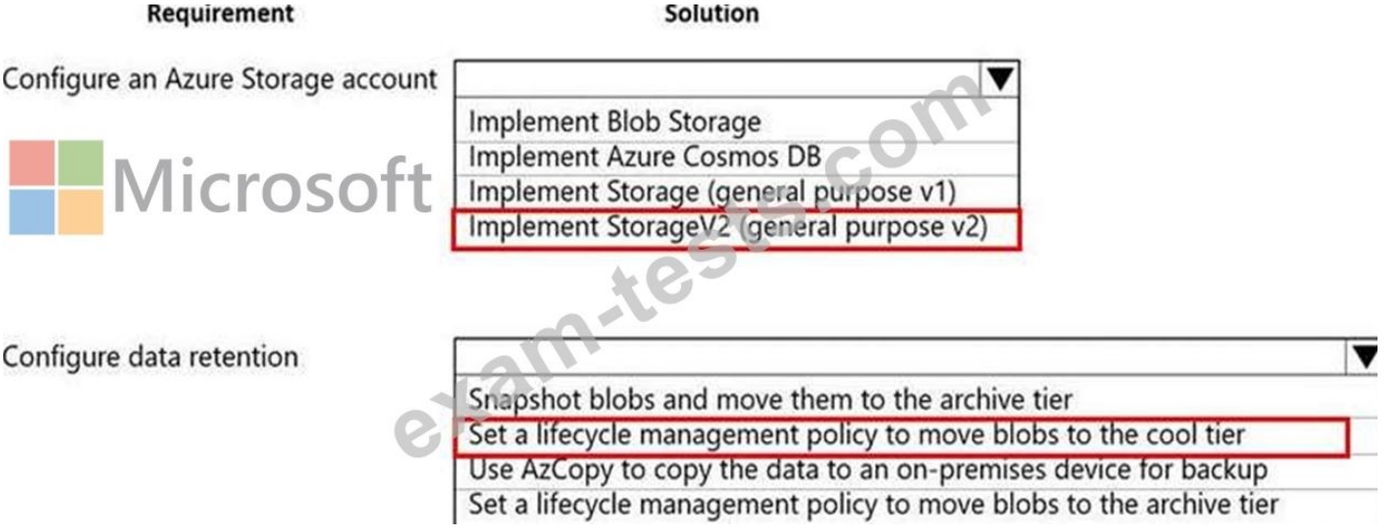
Implement Zone Redundant Storage for application data.

What should you do? 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/azure/storage/blobs/storage-blob-storage-tiers

https://docs.microsoft.com/en-us/azure/storage/common/storage-redundancy?toc=/azure/storage/blobs/toc.json

NEW QUESTION: 57

You are developing an Azure Function App by using Visual Studio. The app will process orders input by an Azure Web App. The web app places the order information into Azure Queue

Storage.

You need to review the Azure Function App code shown below.

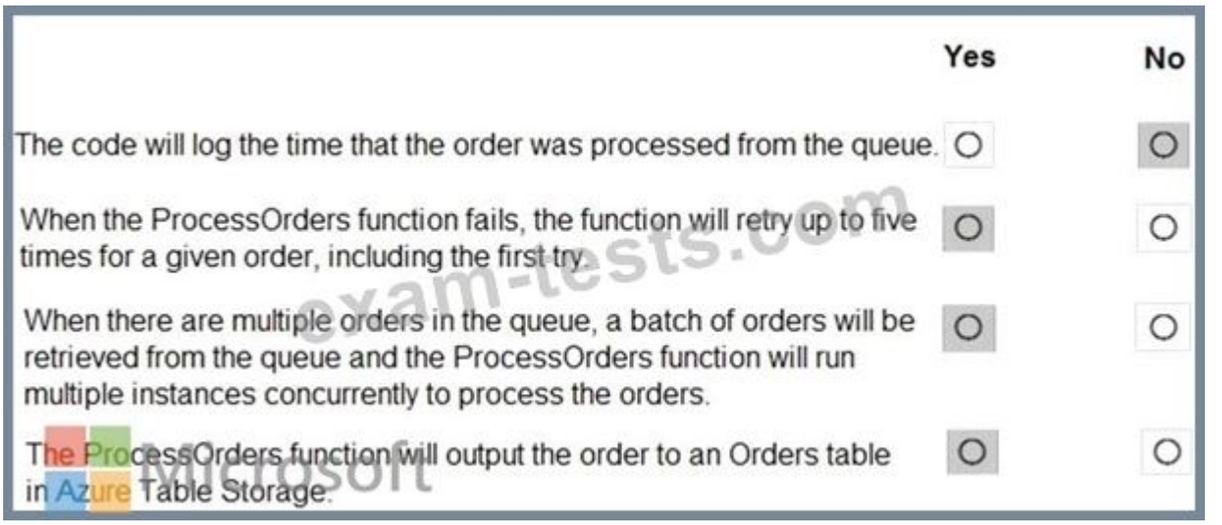
NOTE: Each correct selection is worth one point.

	Yes	No
The code will log the time that the order was processed from the queue.	○	○
When the ProcessOrders function fails, the function will retry up to five times for a given order, including the first try.	○	○
When there are multiple orders in the queue, a batch of orders will be retrieved from the queue and the ProcessOrders function will run multiple instances concurrently to process the orders.	○	○
The ProcessOrders function will output the order to an Orders table in Azure Table Storage.	○	○

Answer:

	Yes	No
The code will log the time that the order was processed from the queue.	○	○
When the ProcessOrders function fails, the function will retry up to five times for a given order, including the first try.	○	○
When there are multiple orders in the queue, a batch of orders will be retrieved from the queue and the ProcessOrders function will run multiple instances concurrently to process the orders.	○	○
The ProcessOrders function will output the order to an Orders table in Azure Table Storage.	○	○

Explanation



Box 1: No

ExpirationTime - The time that the message expires.

InsertionTime - The time that the message was added to the queue.

Box 2: Yes

maxDequeueCount - The number of times to try processing a message before moving it to the poison queue.

Default value is 5.

Box 3: Yes

When there are multiple queue messages waiting, the queue trigger retrieves a batch of messages and invokes function instances concurrently to process them. By default, the batch size is 16. When the number being processed gets down to 8, the runtime gets another batch and starts processing those messages. So the maximum number of concurrent messages being processed per function on one virtual machine (VM) is 24.

Box 4: Yes

References:

https://docs.microsoft.com/en-us/azure/azure-functions/functions-bindings-storage-queue

NEW QUESTION: 58

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.

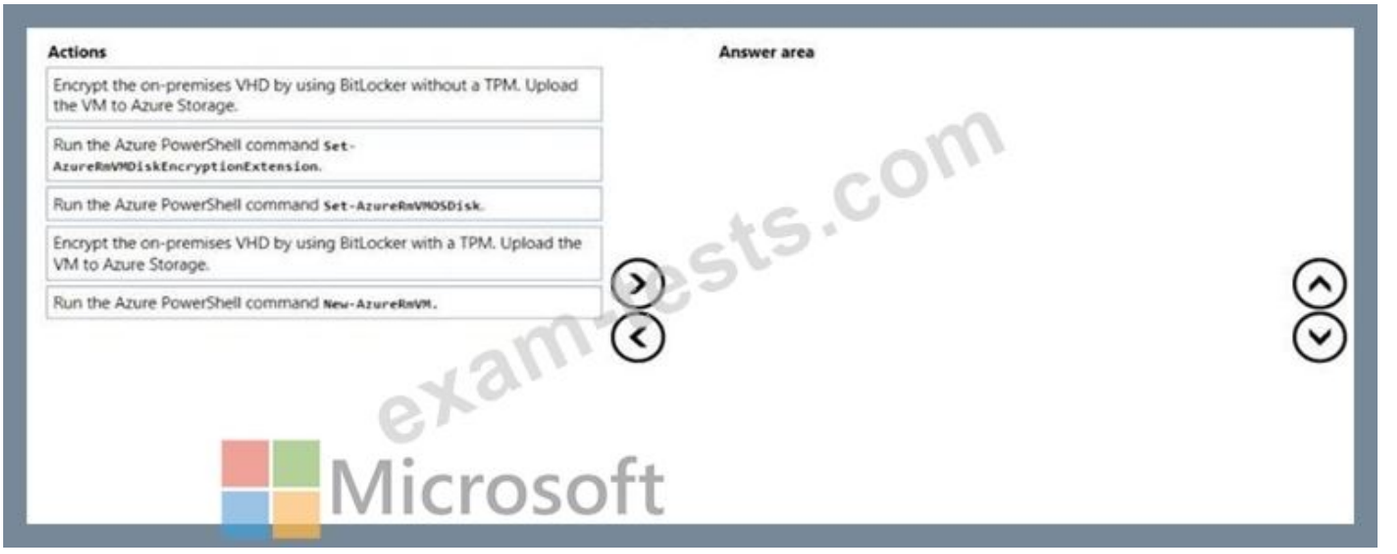
Statement	Yes	No
The file MIME type is supported by the service.	○	○
Edge nodes must be purged of all cache assets.	○	○
The compression type is supported.	○	○

Answer:

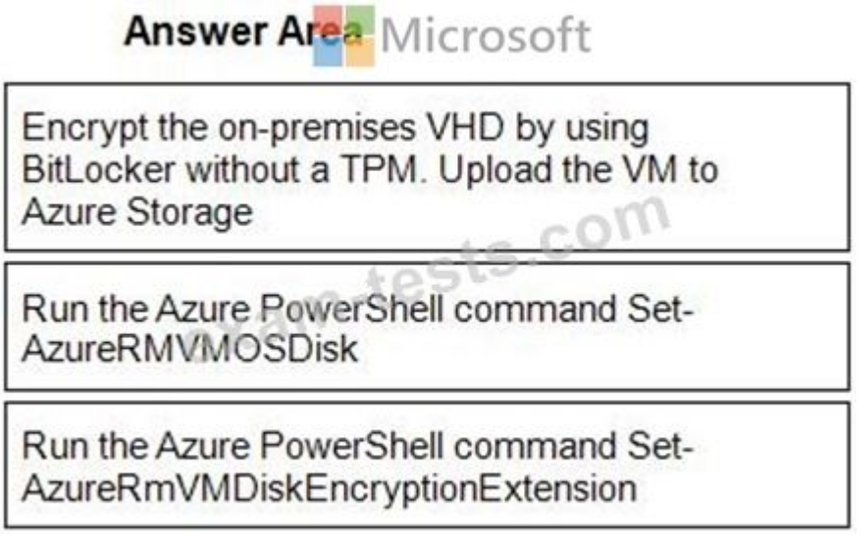
Statement	Yes	No
The file MIME type is supported by the service.	○	●
Edge nodes must be purged of all cache assets.	●	○
The compression type is supported.	●	○

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

NEW QUESTION: 59
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.



Answer:



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

NEW QUESTION: 60
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.
Margie's Travel is an international travel and bookings management service. The company is expanding into restaurant bookings. You are tasked with implementing Azure Search for the restaurants listed in their solution
You create the index in Azure Search.
You need to import the restaurant data into the Azure Search service by using the Azure Search NET SDK.
Solution:
1 Create a SearchIndexClient object to connect to the search index
2. Create an IndexBatch that contains the documents which must be added.
3. Call the Documents.Index method of the SearchIndexClient and pass the IndexBatch.
.
Does the solution meet the goal?
A. Yes
B. No
Answer: (SHOW ANSWER)
1. The index needs to be populated. To do this, we will need a SearchIndexClient. There are two ways to obtain one: by constructing it, or by calling Indexes.GetClient on the SearchServiceClient.

Here we will use the first method.
2. Create the indexBatch with the documents
Something like:

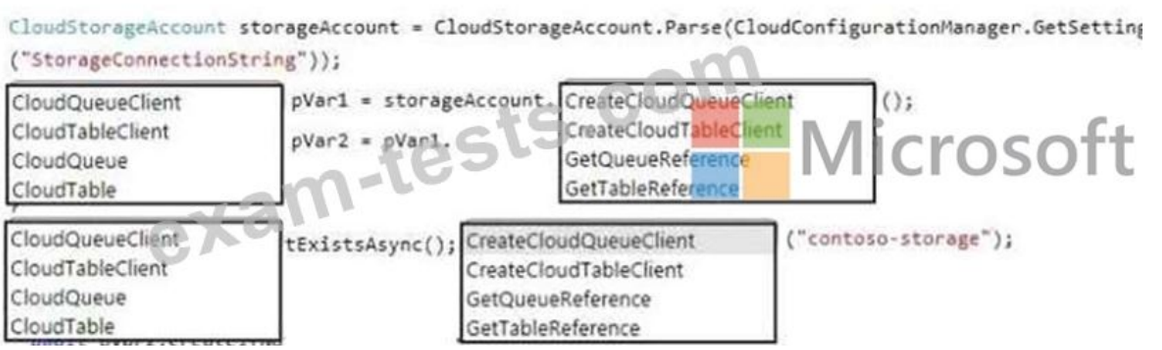
```
var hotels = new Hotel[];
{
new Hotel()
{
HotelId = "3",
BaseRate = 129.99,
Description = "Close to town hall and the river"
}
};
...
var batch = IndexBatch.Upload(hotels);
```

3. The next step is to populate the newly-created index
Example:

```
var batch = IndexBatch.Upload(hotels);
try
{
indexClient.Documents.Index(batch);
}
```

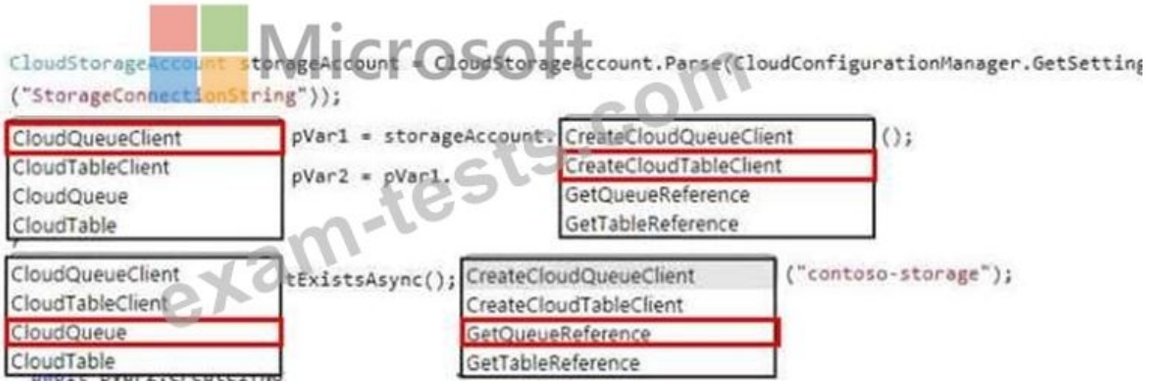
Reference:
https://docs.microsoft.com/en-us/azure/search/search-howto-dotnet-sdk

NEW QUESTION: 61
You are developing a .NET application that communicates with Azure Storage.
A message must be stored when the application initializes.
You need to implement the message.
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



Answer:

Answer Area



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NEW QUESTION: 62

You need to configure Azure CDN for the Shipping web site.

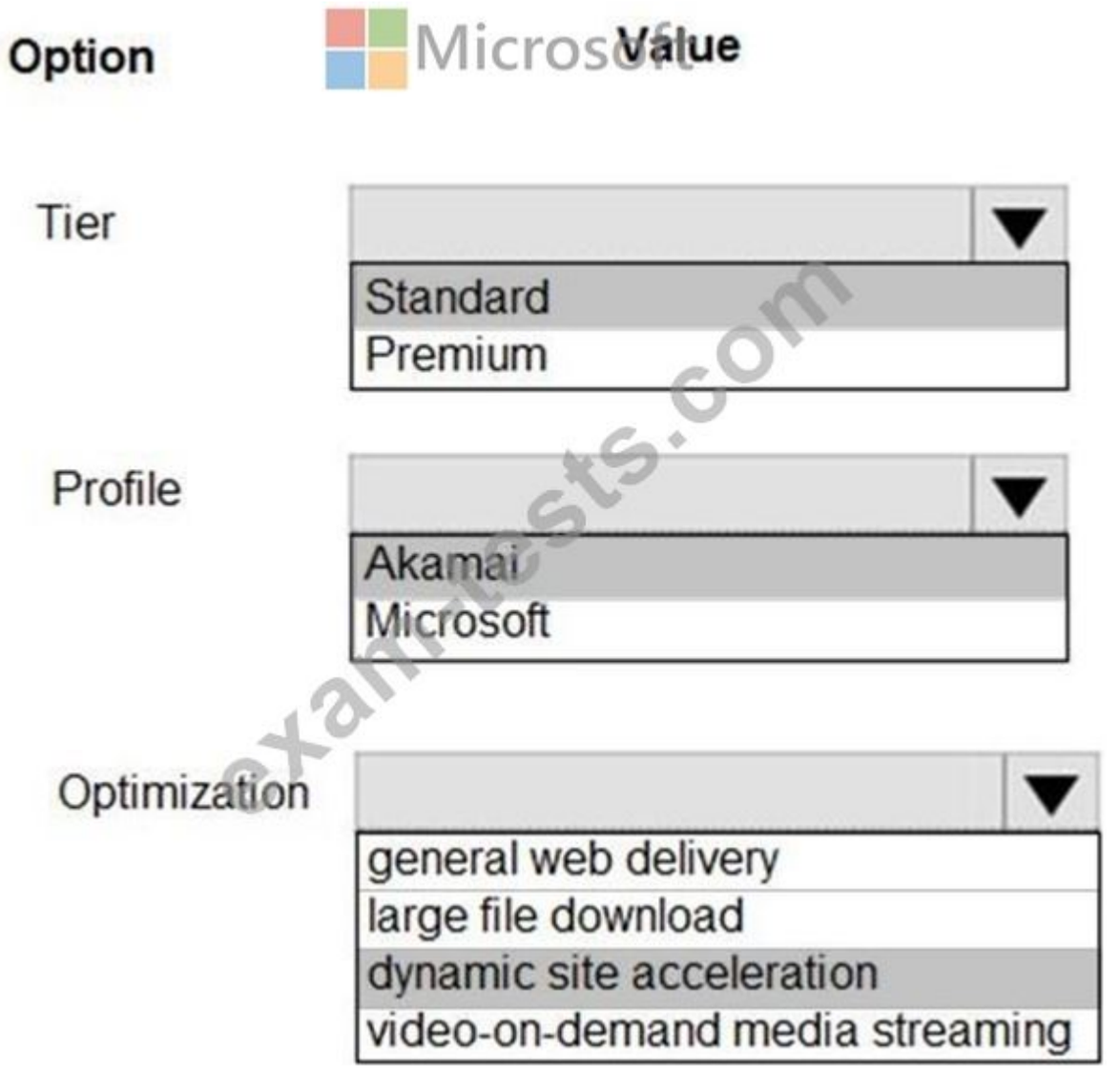
Which configuration options should you use? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Option	Value
Tier	Standard Premium
Profile	Akamai Microsoft
Optimization	general web delivery large file download dynamic site acceleration video-on-demand media streaming

Answer:

Explanation



Scenario: Shipping website

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

Tier: Standard

Profile: Akamai

Optimization: Dynamic site acceleration

Dynamic site acceleration (DSA) is available for Azure CDN Standard from Akamai, Azure CDN Standard from Verizon, and Azure CDN Premium from Verizon profiles.

DSA includes various techniques that benefit the latency and performance of dynamic content. Techniques include route and network optimization, TCP optimization, and more.

You can use this optimization to accelerate a web app that includes numerous responses that aren't cacheable.

Examples are search results, checkout transactions, or real-time data. You can continue to use core Azure CDN caching capabilities for static data.

Reference:

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

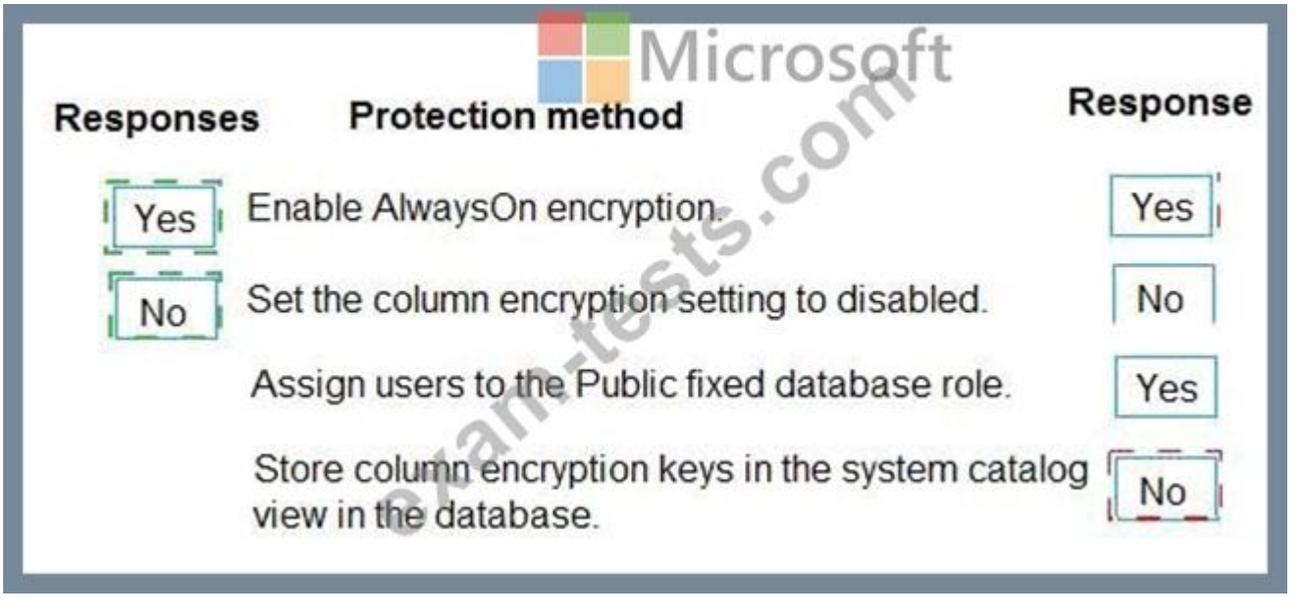
NEW QUESTION: 63

You must ensure that the external party cannot access the data in the SSN column of the Person table.

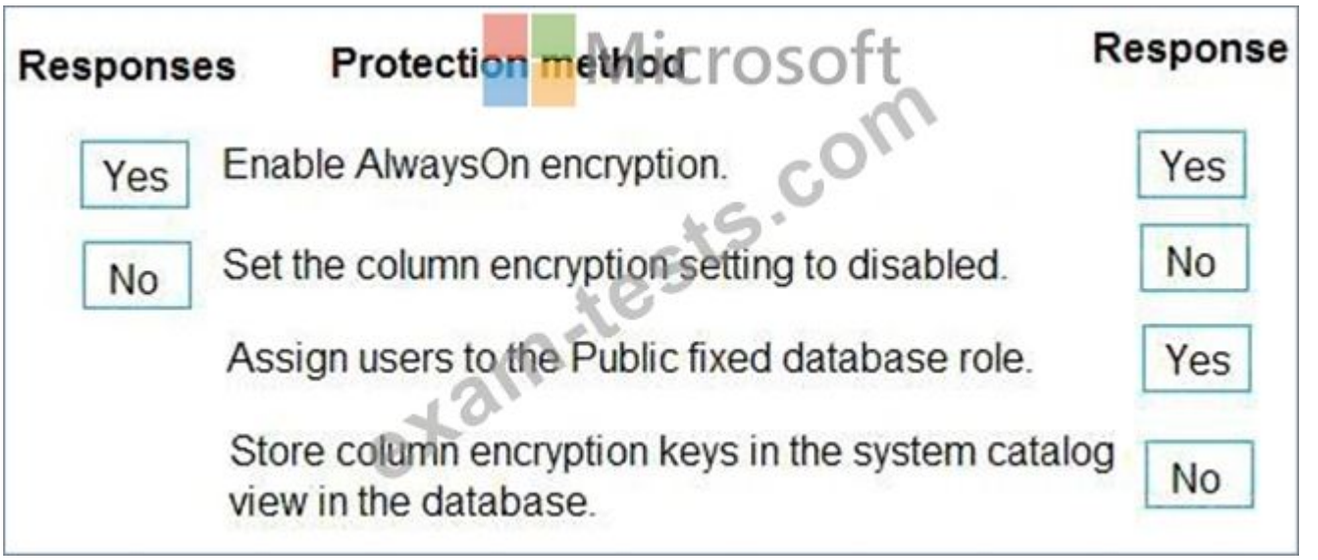
Will each protection method meet the requirement? To answer, drag the appropriate responses to the correct protection methods. Each response may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Answer:



Explanation



Box 1: Yes

You can configure Always Encrypted for individual database columns containing your sensitive data. When setting up encryption for a column, you specify the information about the encryption algorithm and cryptographic keys used to protect the data in the column.

Box 2: No

Box 3: Yes

In SQL Database, the VIEW permissions are not granted by default to the public fixed database role. This enables certain existing, legacy tools (using older versions of DacFx) to work properly. Consequently, to work with encrypted columns (even if not decrypting them) a database administrator must explicitly grant the two VIEW permissions.

Box 4: No

All cryptographic keys are stored in an Azure Key Vault.

References:

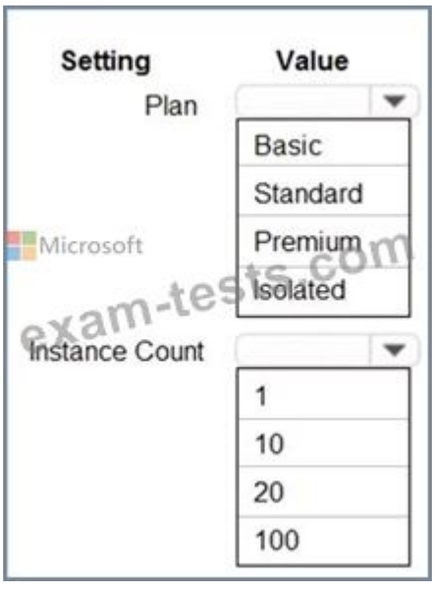
https://docs.microsoft.com/en-us/sql/relational-databases/security/encryption/always-encrypted-database-engine

NEW QUESTION: 64

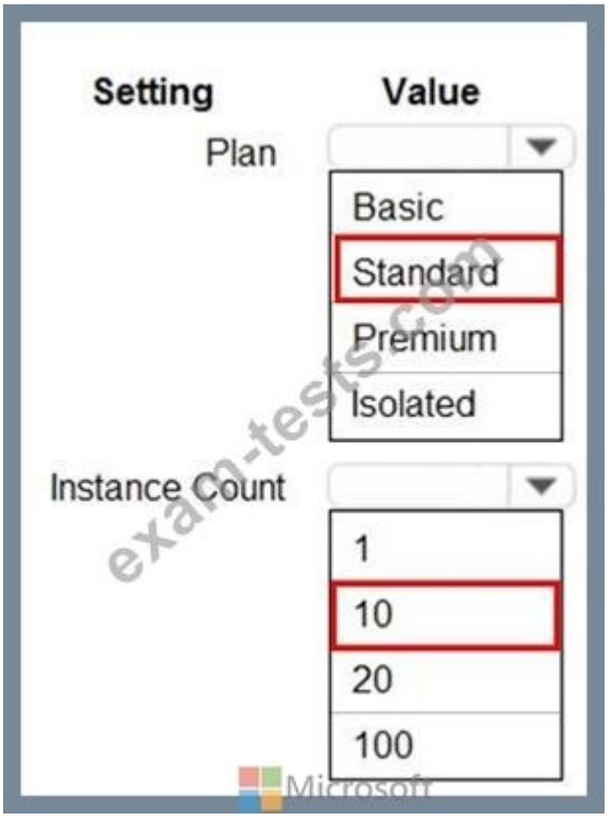
You need to configure Azure App Service to support the REST API requirements.

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

NOTE: Each correct selection is worth one point.



Answer:



References:
https://azure.microsoft.com/en-us/pricing/details/app-service/plans/

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.

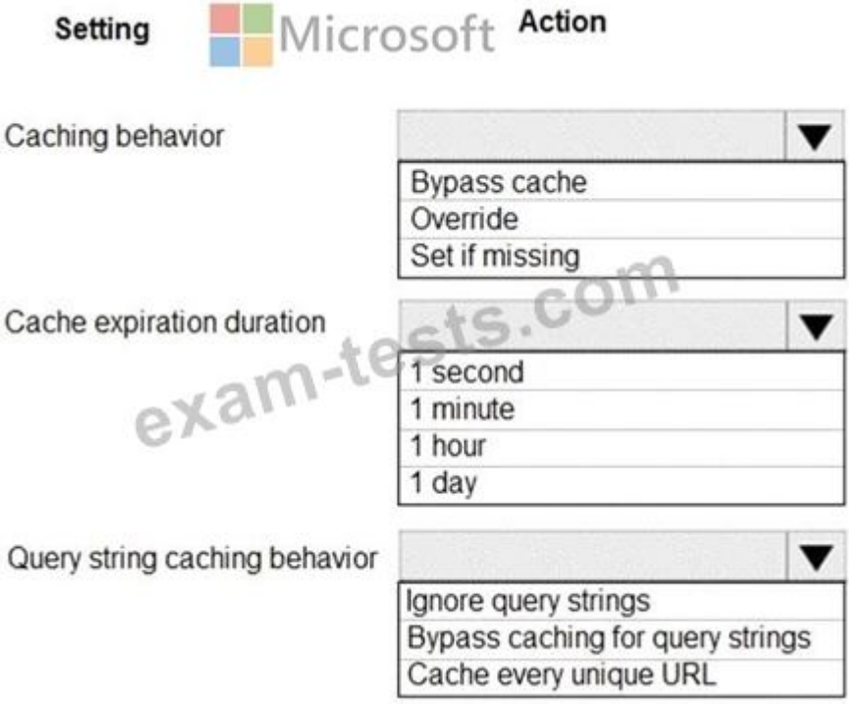
To answer the questions included in a case study, you will need to reference information that is provided in the case study. Case studies might contain exhibits and other resources that provide more information about the scenario that is described in the case study. Each question is independent of the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

NEW QUESTION: 65

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.



Microsoft
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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

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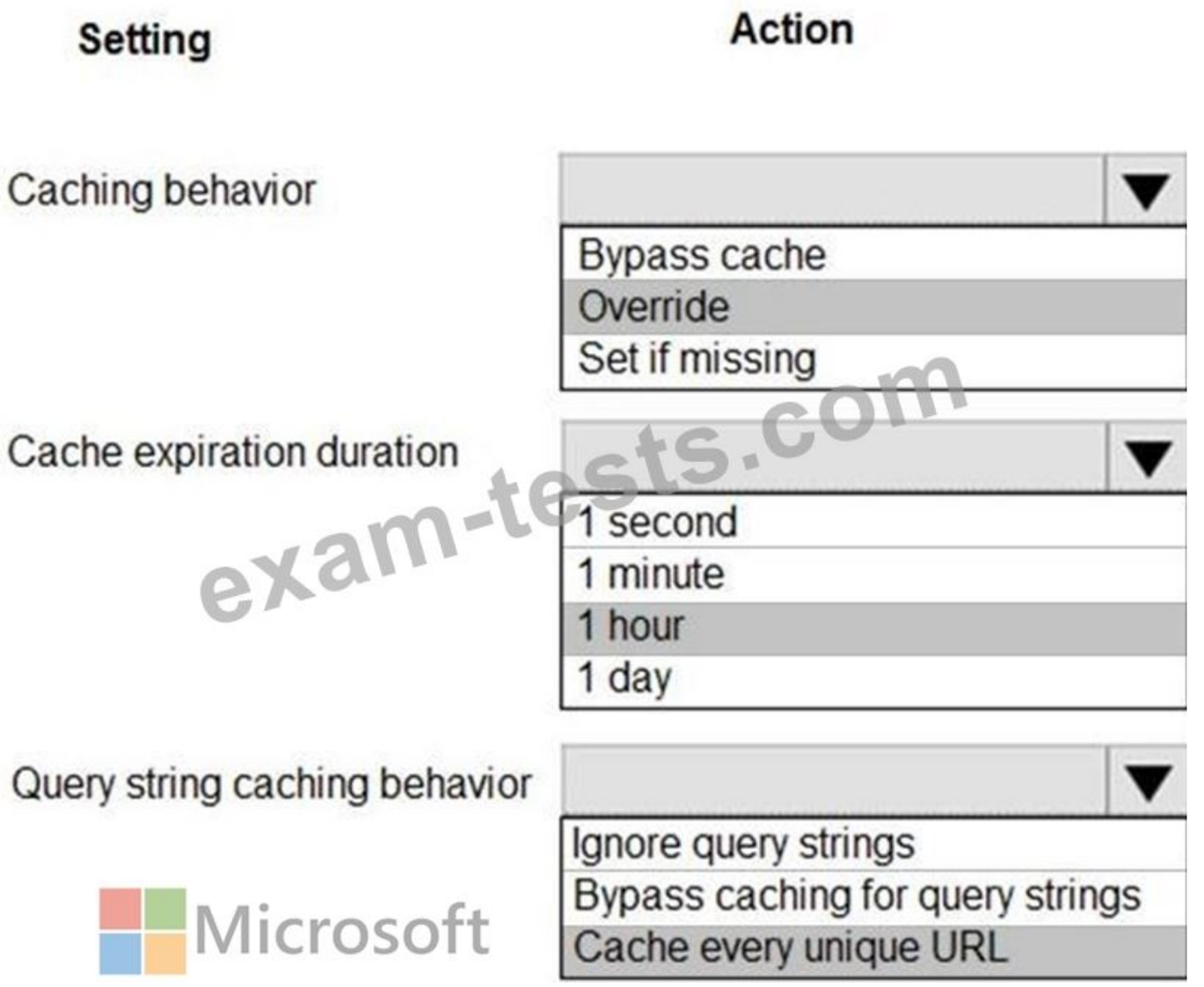
Explanation



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Box 1: Override

Override: Ignore origin-provided cache duration; use the provided cache duration instead. This will not override cache-control: no-cache.

Set if missing: Honor origin-provided cache-directive headers, if they exist; otherwise, use the provided cache duration.

Incorrect:

Bypass cache: Do not cache and ignore origin-provided cache-directive headers.

Box 2: 1 hour

All media content must expire from the cache after one hour.

Box 3: Cache every unique URL

Cache every unique URL: In this mode, each request with a unique URL, including the query string, is treated as a unique asset with its own cache. For example, the response from the origin server for a request for example.ashx?q=test1 is cached at the POP node and returned for subsequent caches with the same query string. A request for example.ashx?q=test2 is cached as a separate asset with its own time-to-live setting.

Reference:

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

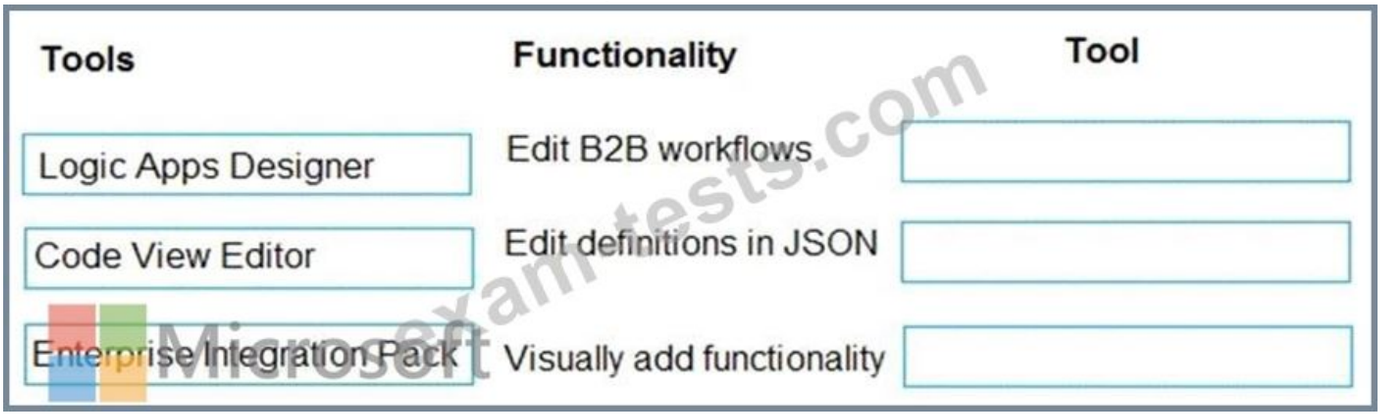
NEW QUESTION: 66

You manage several existing Logic Apps.

You need to change definitions, add new logic, and optimize these apps on a regular basis.

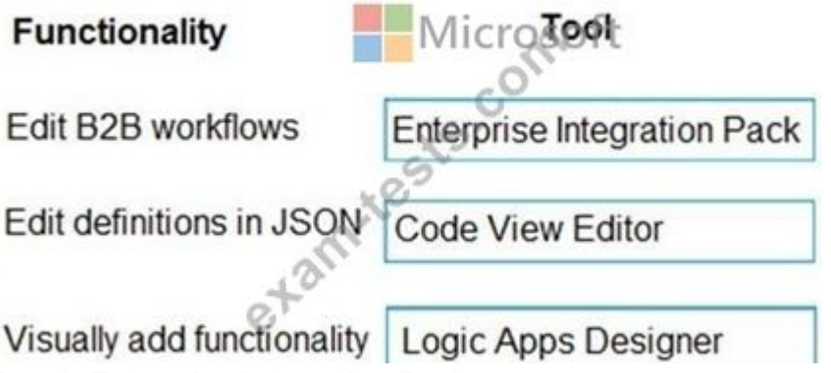
What should you use? To answer, drag the appropriate tools to the correct functionalities. Each tool may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.



Answer:

Explanation



Box 1: Enterprise Integration Pack

After you create an integration account that has partners and agreements, you are ready to create a business to business (B2B) workflow for your logic app with the Enterprise Integration Pack.

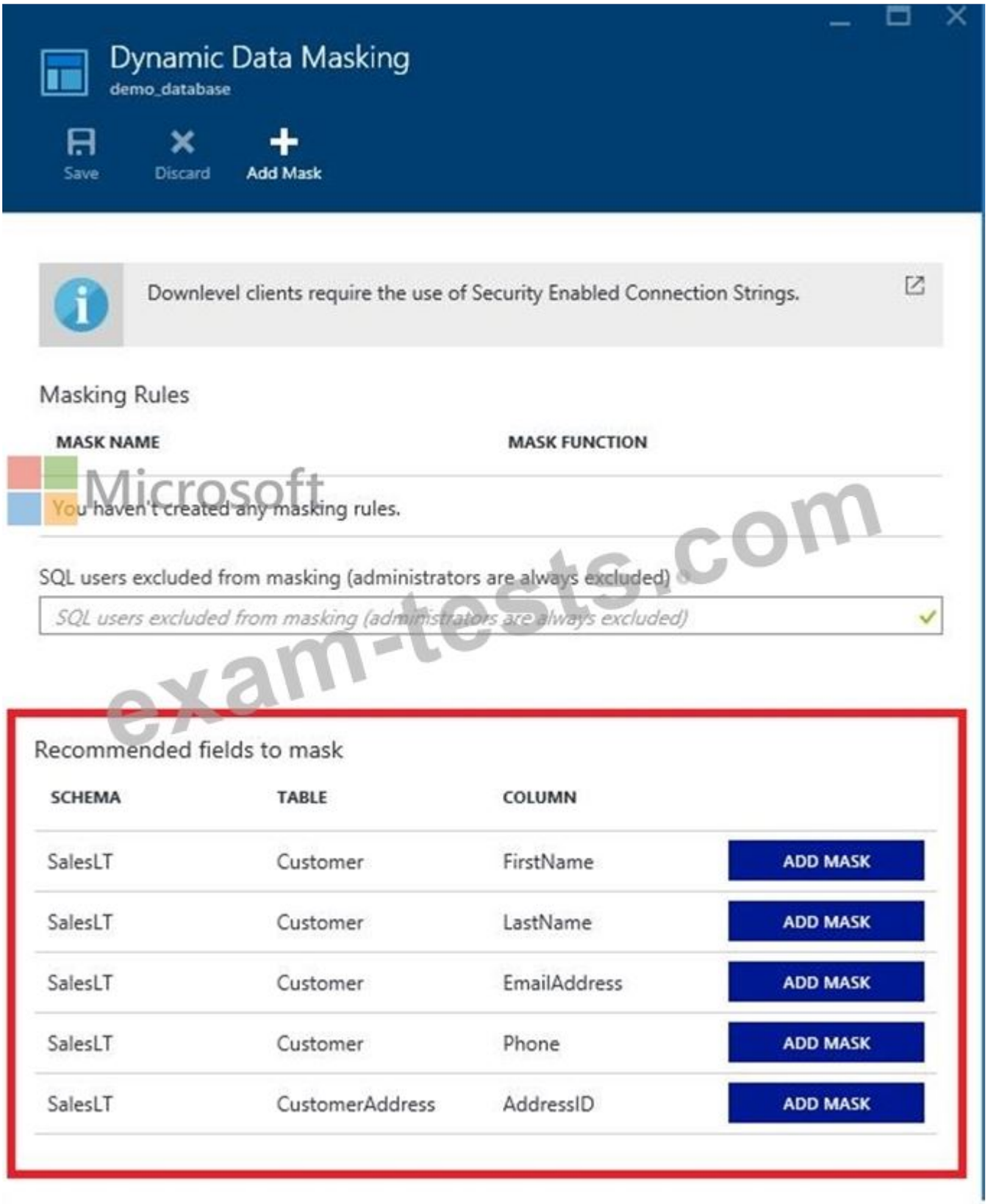
Box 2: Code View Editor

To work with logic app definitions in JSON, open the Code View editor when working in the Azure portal or in Visual Studio, or copy the definition into any editor that you want.

Box 3: Logical Apps Designer

You can build your logic apps visually with the Logic Apps Designer, which is available in the Azure portal through your browser and in Visual Studio.
References:
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: 67
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.



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

NEW QUESTION: 68
You need to implement the bindings for the CheckUserContent function.

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

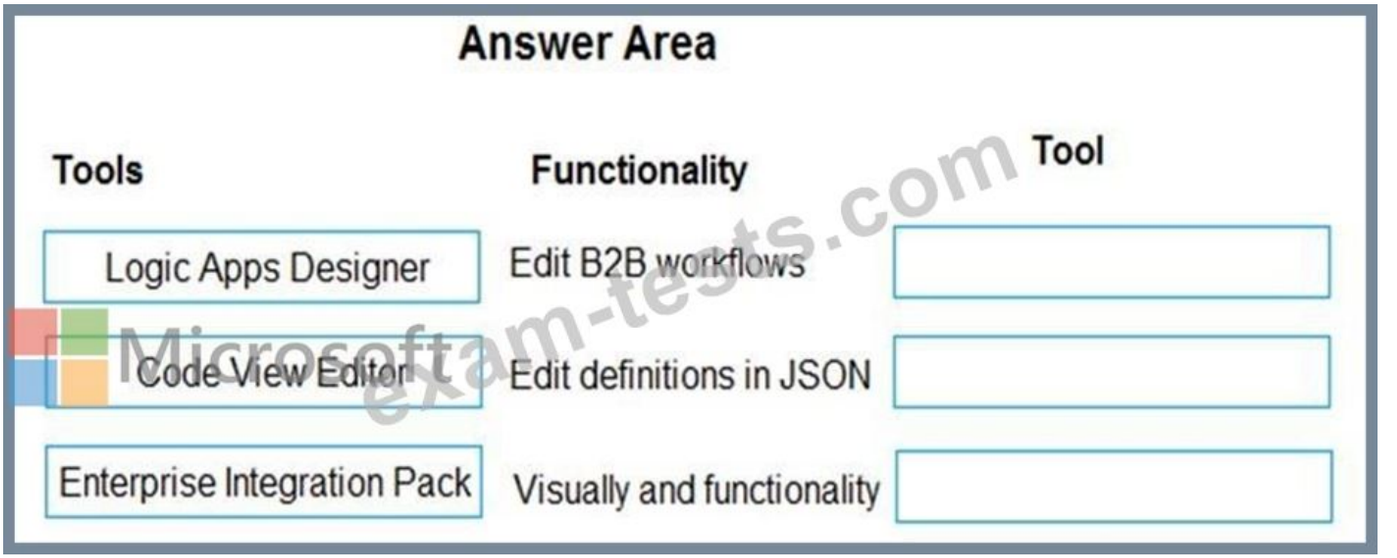
NOTE: Each correct selection is worth one point.

```
public static class CheckUserContent
{
    [FunctionName ("CheckUserContent")]
    public static void Run(
        [QueueTrigger("userContent")] / [BlobTrigger("userContent/{name}")] / [CosmosDBTrigger("content", "userContent")] / [Table("content", "userContent", "{name}")]
        string content,
        [Queue("userContent")] / [CosmosDB("content", "userContent")] / [Table("content", "userContent", "{name}")] / [Blob("userContent/{name}", FileAccess.Write)]
        Stream output)
    {
        ...
    }
}
```

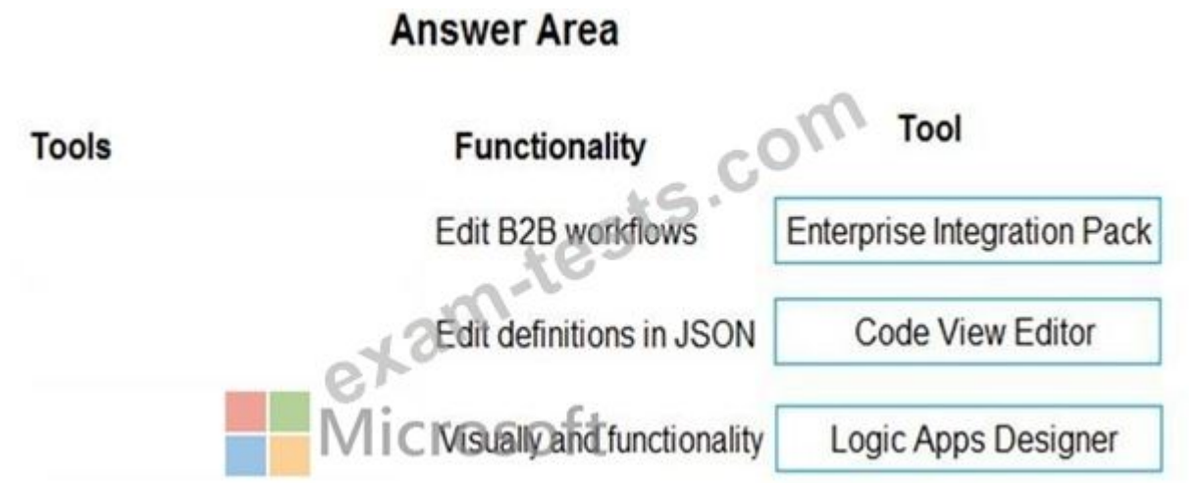
Answer:

Reference:
https://docs.microsoft.com/en-us/azure/azure-functions/functions-bindings-storage-blob-output

NEW QUESTION: 69
Drag and Drop Question
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.



Answer:



Explanation:
Box 1: Enterprise Integration Pack
For business-to-business (B2B) solutions and seamless communication between organizations, you can build automated scalable enterprise integration workflows by using the Enterprise Integration Pack (EIP) with Azure Logic Apps.
Box 2: Code View Editor
Edit JSON - Azure portal
1. Sign in to the Azure portal.
2. From the left menu, choose All services. In the search box, find "logic apps", and then from the results, select your logic app.
3. On your logic app's menu, under Development Tools, select Logic App Code View.
4. The Code View editor opens and shows your logic app definition in JSON format.
Box 3: Logic Apps Designer
Reference:
https://docs.microsoft.com/en-us/azure/logic-apps/logic-apps-enterprise-integration-overview
https://docs.microsoft.com/en-us/azure/logic-apps/logic-apps-author-definitions

NEW QUESTION: 70
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 a software as a service (SaaS) offering to manage photographs. Users upload photos to a web service which then stores the photos in Azure Storage Blob storage. The storage account type is General-purpose V2.
When photos are uploaded, they must be processed to produce and save a mobile-friendly version of the image. The process to produce a mobile-friendly version of the image must start in less than one minute.
You need to design the process that starts the photo processing.
Solution: Create an Azure Function app that uses the Consumption hosting model and that is

triggered from the blob upload.
Does the solution meet the goal?
A. Yes
B. No
Answer: A (LEAVE A REPLY)
In the Consumption hosting plan, resources are added dynamically as required by your functions.
Reference:
https://docs.microsoft.com/en-us/azure/azure-functions/functions-create-storage-blob-triggered-function

NEW QUESTION: 71
You must implement Application Insights instrumentation capabilities utilizing the Azure Mobile Apps SDK to provide meaningful analysis of user interactions with a mobile app.
You need to capture the data required to implement the Usage Analytics feature of Application Insights. Which three data values should you capture? Each correct answer presents part of the solution NOTE: Each correct selection is worth one point.
A. Trace
B. Session Id
C. Exception
D. User Id
E. Events
Answer: A,D,E (LEAVE A REPLY)
Application Insights is a service for monitoring the performance and usage of your apps. This module allows you to send telemetry of various kinds (events, traces, etc.) to the Application Insights service where your data can be visualized in the Azure Portal.
Application Insights manages the ID of a session for you.
References:
https://github.com/microsoft/ApplicationInsights-Android

NEW QUESTION: 72
You need to implement the Log policy.
How should you complete the EnsureLogging method in EventGridController.cs? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

```
var client = new WebSiteManagementClient(. . .);
var id = ParseResourceID(resource);
var appSettings = new StringDictionary(name: "properties",
  properties: new Dictionary<string, string> {
  {"DIAGNOSTICS_AZUREBLOBCONTAINERSASURL", BlobStoreAccountSAS(" ")},

  {"DIAGNOSTICS_AZUREBLOBRETENTIONINDAYS", " "}

});
client.WebApps.  (
  id.resourceGroup,
  id.name, appSettings);
```

logs
logdrop

15
30

UploadLoggingSettings
UpdateApplicationSetting

Microsoft
exam-tests.com

Answer:

```
var client = new WebSiteManagementClient(. . .);
var id = ParseResourceID(resource);
var appSettings = new StringDictionary(name: "properties",
  properties: new Dictionary<string, string> {
  {"DIAGNOSTICS_AZUREBLOBCONTAINERSASURL", BlobStoreAccountSAS(" ")

  {"DIAGNOSTICS_AZUREBLOBRETENTIONINDAYS", " "}

});
client.WebApps.  (
  id.resourceGroup,
  id.name, appSettings);
```

logs
logdrop

15
30

UploadLoggingSettings
UpdateApplicationSetting

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Explanation

Box 1: logdrop

All log files should be saved to a container named logdrop.

Box 2: 15

Logs must remain in the container for 15 days.

Box 3: UpdateApplicationSettings

All Azure App Service Web Apps must write logs to Azure Blob storage.

Reference:

https://blog.hompus.nl/2017/05/29/adding-application-logging-blob-to-a-azure-web-app-service-using-powershe

NEW QUESTION: 73

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.

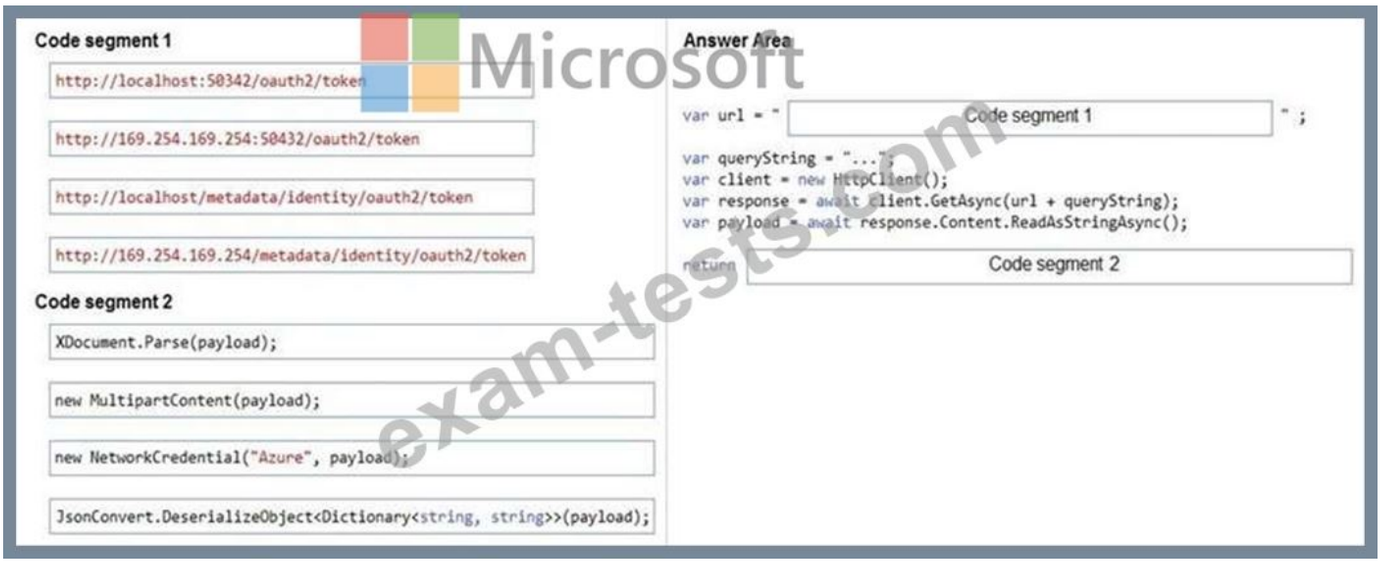
You have the following requirements:

* 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.



Answer:

Azure Instance Metadata Service endpoints "/oauth2/token"
Box
1: http://169.254.169.254/metadata/identity/oauth2/token
Sample request using the Azure Instance Metadata Service (IMDS) endpoint (recommended):
GET 'http://169.254.169.254/metadata/identity/oauth2/token?api-version=2018-02-01
&resource=https://management.azure.com/' HTTP/1.1 Metadata: true
Box 2: JsonConvert.DeserializeObject<Dictionary<string,string>>(payload); Deserialized token response; returning access code.
Reference:
https://docs.microsoft.com/en-us/azure/active-directory/managed-identities-azure-resources/how-to-use-vm-toke
https://docs.microsoft.com/en-us/azure/service-fabric/how-to-managed-identity-service-fabric-app-code

NEW QUESTION: 74
You have an Azure App Services Web App. Azure SQL Database instance. Azure Storage Account and an Azure Redis Cache instance in a resource group.
A developer must be able to publish code to the web app. You must grant the developer the Contribute role to the web app You need to grant the role.
What two commands can you use? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

A. New-AzureRmRoleAssignment

B. az role assignment create

C. az role definition create

D. New-AzureRmRoleDefinition

Answer: A,B (LEAVE A REPLY)

Explanation

References:

https://docs.microsoft.com/en-us/cli/azure/role/assignment?view=azure-cli-latest#az-role-assignment-create

https://docs.microsoft.com/en-us/powershell/module/azurerm.resources/new-azurermroleassignment?view=azure

NEW QUESTION: 75

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.

Answer:

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: 76
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.IntitalizeAsync(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.IntitalizeAsync(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();
```

Explanation

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

Box 1: var todoTable = client GetSyncTable<TodoItem>()

To setup offline access, when connecting to your mobile service, use the method GetSyncTable instead of GetTable (example):

IMobileServiceSyncTable todoTable = App.MobileService.GetSyncTable(); / Box 2: await todoTable.PullAsync("allTodoItems",todo.Table.CreateQuery()); Your app should now use IMobileServiceSyncTable (instead of IMobileServiceTable) for CRUD operations.

This will save changes to the local database and also keep a log of the changes. When the app is ready to synchronize its changes with the Mobile Service, use the methods PushAsync and PullAsync (example):

await App.MobileService.SyncContext.PushAsync();

await todoTable.PullAsync();

References:

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

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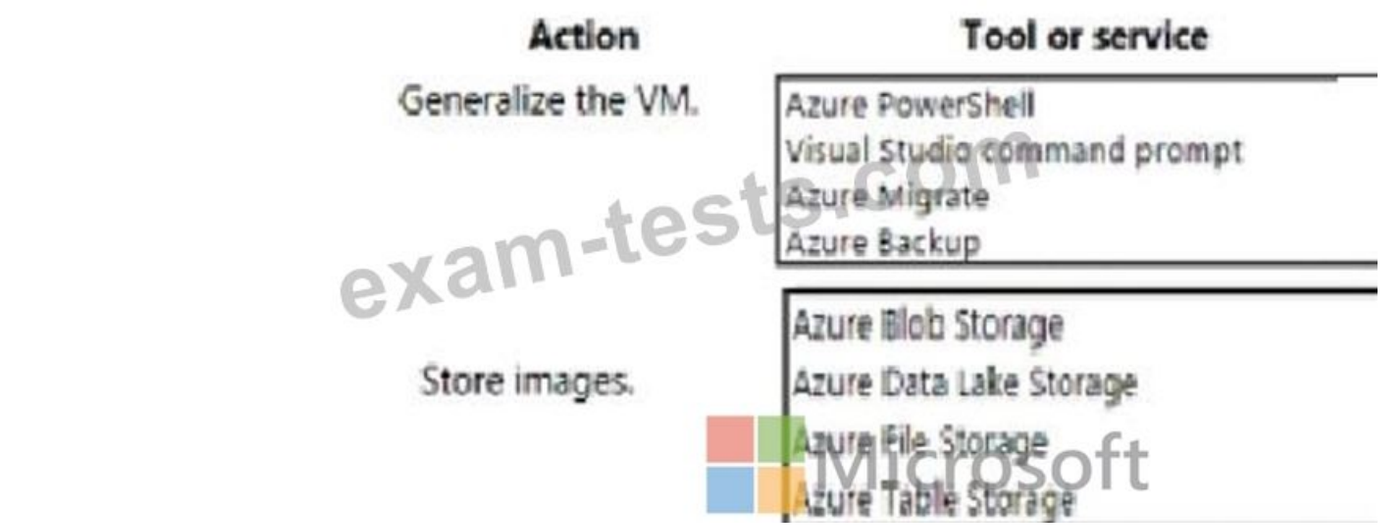
NEW QUESTION: 77

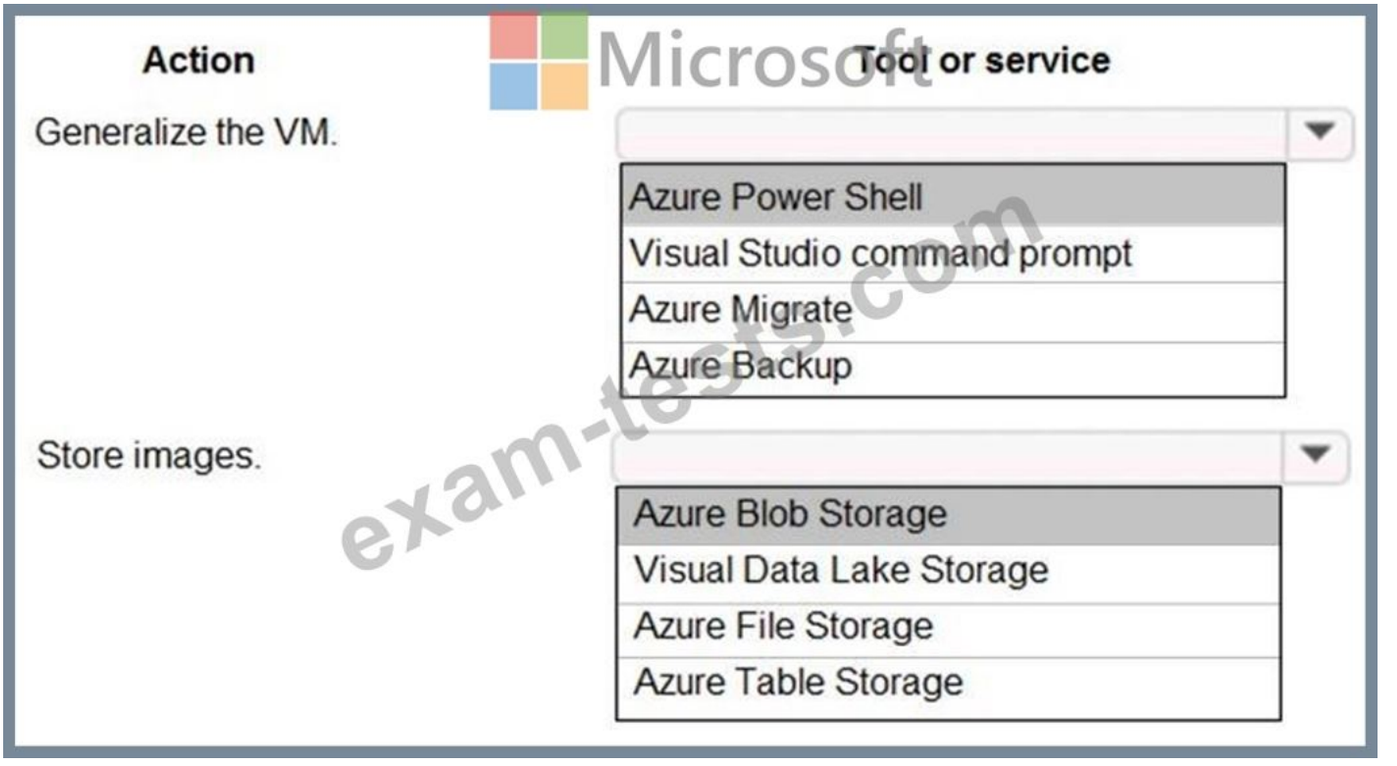
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets

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: Update the web.config file to include the applicationInitialization configuration element. Specify custom initialization actions to run the scripts.
Does the solution meet the goal?
A. No
B. Yes
Answer: A (LEAVE A REPLY)
Specify custom warm-up.
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: 78
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:



Box 1: Azure Powershell

Creating an image directly from the VM ensures that the image includes all of the disks associated with the VM, including the OS disk and any data disks.

Before you begin, make sure that you have the latest version of the Azure PowerShell module.

You use Sysprep to generalize the virtual machine, then use Azure PowerShell to create the image.

Box 2: Azure Blob Storage

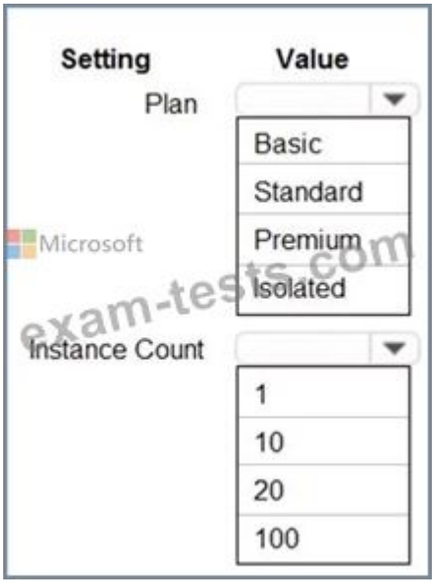
References:

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

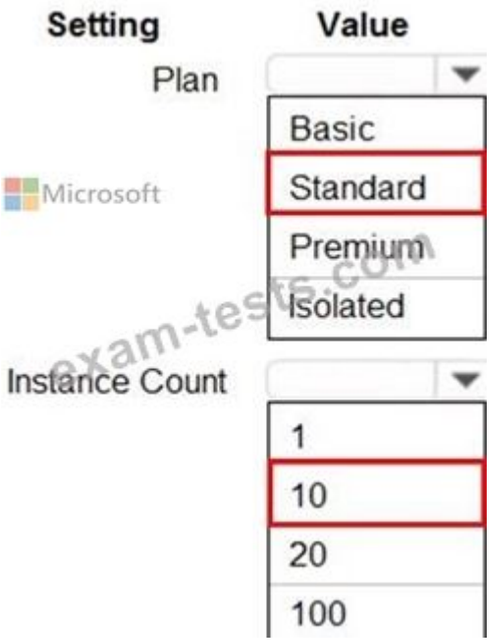
NEW QUESTION: 79

A company is implementing a publish-subscribe (Pub/Sub) messaging component by using Azure Service Bus. You are developing the first subscription application.
In the Azure portal you see that messages are being sent to the subscription for each topic. You create and initialize a subscription client object by supplying the correct details, but the subscription application is still not consuming the messages.
You need to ensure that the subscription client processes all messages.
Which code segment should you use?
A. await subscriptionClient.AddRuleAsync(new RuleDescription(RuleDescription.DefaultRuleName, new TrueFilter()));
B. subscriptionClient = new SubscriptionClient(ServiceBusConnectionString, TopicName, SubscriptionName); D18912E1457D5D1DDCBD40AB3BF70D5D
C. await subscriptionClient.CloseAsync();
D. subscriptionClient.RegisterMessageHandler(ProcessMessagesAsync,messageHandlerOptions);
Answer: D (LEAVE A REPLY)
Using topic client, call RegisterMessageHandler which is used to receive messages continuously from the entity. It registers a message handler and begins a new thread to receive messages. This handler is waited on every time a new message is received by the receiver.
subscriptionClient.RegisterMessageHandler(ReceiveMessagesAsync, messageHandlerOptions);
Reference:
https://www.c-sharpcorner.com/article/azure-service-bus-topic-and-subscription-pub-sub/

NEW QUESTION: 80
You need to configure Azure App Service to support the REST API requirements.
Which values should you use? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

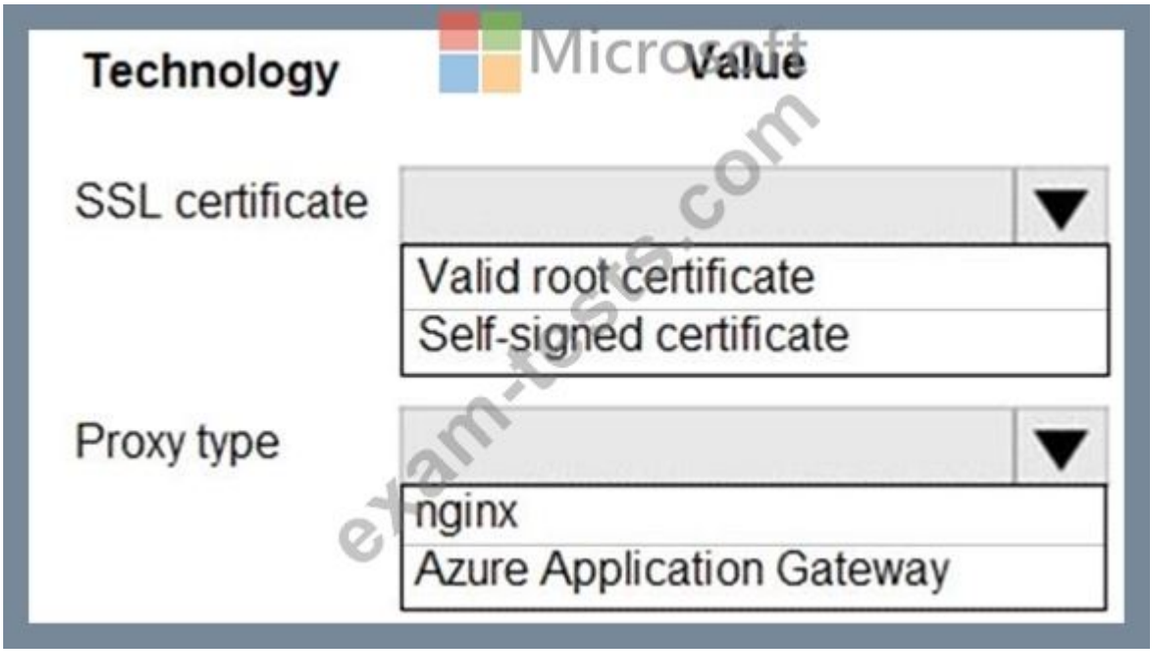


Answer:

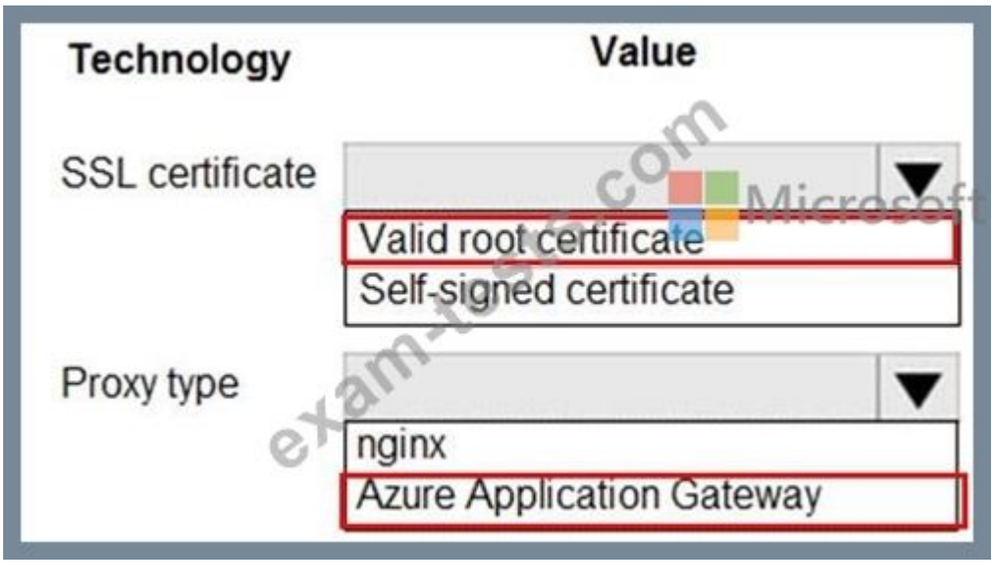


Reference:
https://azure.microsoft.com/en-us/pricing/details/app-service/plans/

NEW QUESTION: 81
You need to ensure that network security policies are met.
How should you configure network security? 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/azure/web-application-firewall/ag/ag-overview
https://www.upguard.com/articles/10-tips-for-securing-your-nginx-deployment

NEW QUESTION: 82

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
```

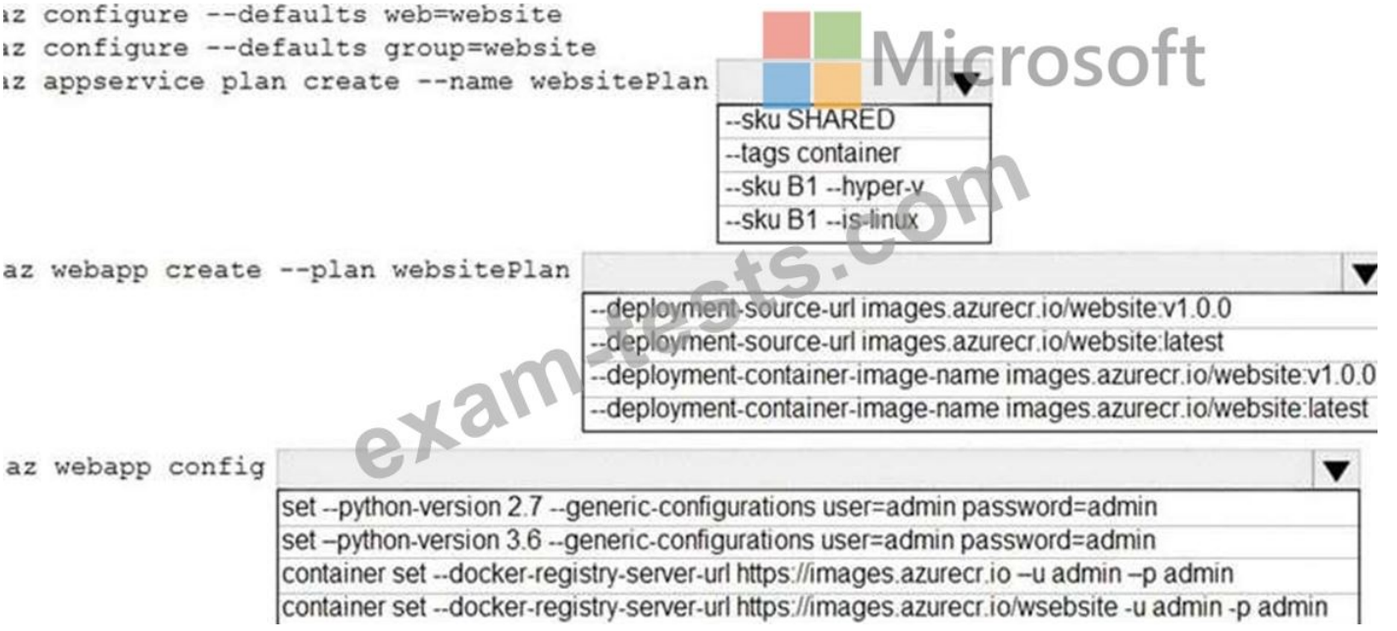
The user name and password for the registry is admin.

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

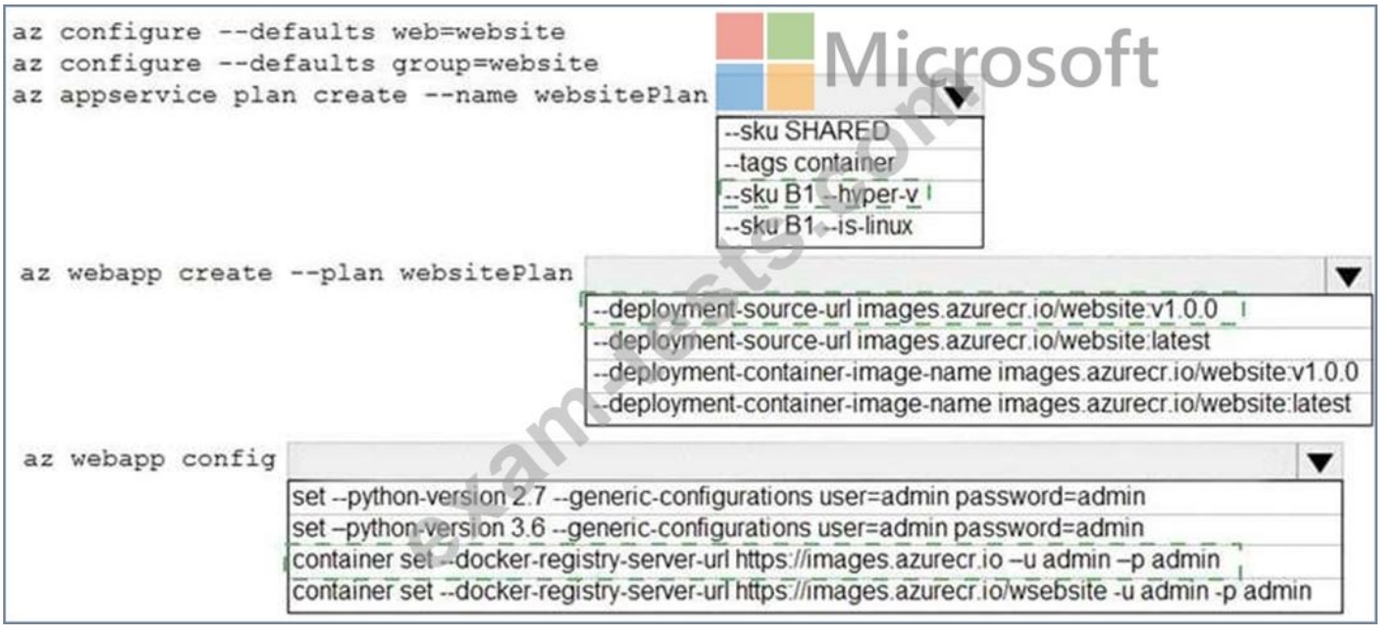
You need to create an Azure Web App to run the website.

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

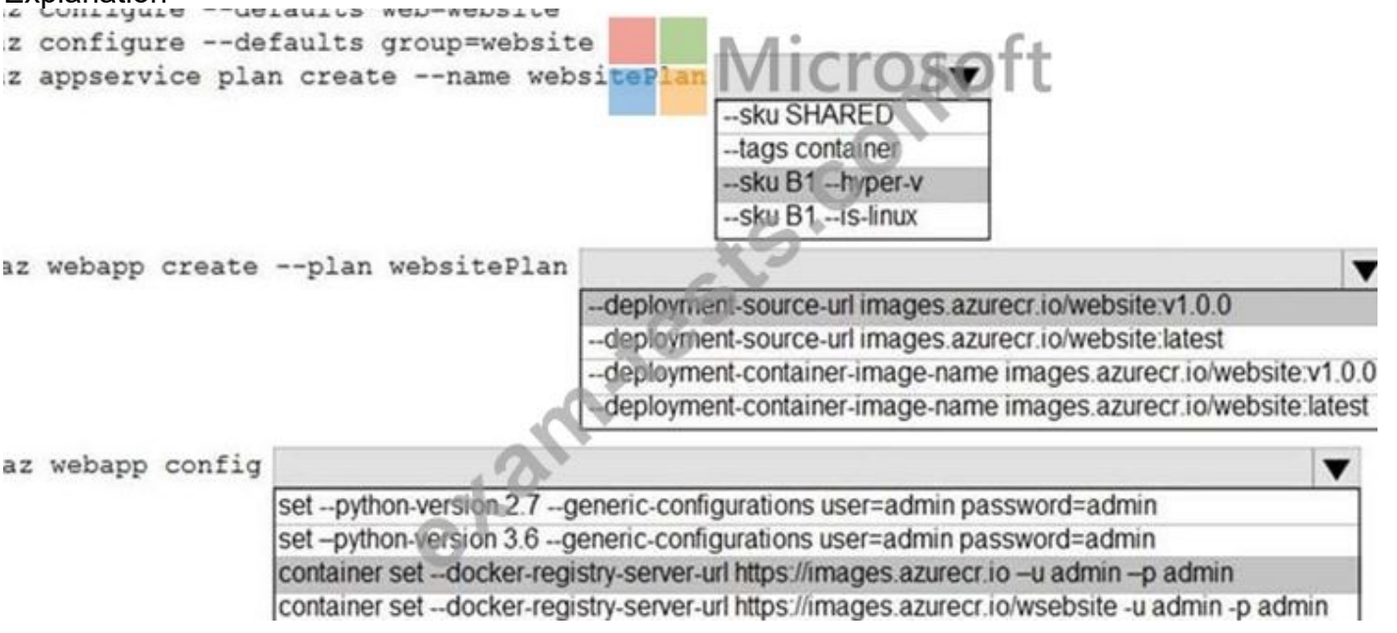
NOTE: Each correct selection is worth one point.



Answer:



Explanation



Box 1: --SKU B1 --hyper-v
--hyper-v
Host web app on Windows container.
Box 2: --deployment-source-url images.azurecr.io/website:v1.0.0
--deployment-source-url -u
Git repository URL to link with manual integration.
The Web App must always run the same version of the website regardless of future builds.
Incorrect:
--deployment-container-image-name -i
Linux only. Container image name from Docker Hub, e.g. publisher/image-name:tag.
Box 3: az webapp config container set -url https://images.azurecr.io -u admin -p admin az webapp config container set Set a web app container's settings.
Paremeter: --docker-registry-server-url -r
The container registry server url.
The Azure Container Registry instance named images is a private registry.
Example:
az webapp config container set --docker-registry-server-url https://{azure-container-registry-name}.azurecr.io Reference:
https://docs.microsoft.com/en-us/cli/azure/appservice/plan

NEW QUESTION: 83
You are developing a ticket reservation system for an airline.
The storage solution for the application must meet the following requirements:
* Ensure at least 99.99% availability and provide low latency.
* Accept reservations event when localized network outages or other unforeseen failures occur.
* Process reservations in the exact sequence as reservations are submitted to minimize overbooking or selling the same seat to multiple travelers.
* Allow simultaneous and out-of-order reservations with a maximum five-second tolerance window.
You provision a resource group named airlineResourceGroup in the Azure South-Central US region.
You need to provision a SQL SPI Cosmos DB account to support the app.
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.

```
resourceGroupName- +airlineResourceGroup'
name- +docdb-airline-reservations'
databaseName- 'docdb-tickets-database'
collectionName- 'docdb-tickets-collection'
consistencyLevel-
```

- Strong
- Eventual
- ConsistentPrefix
- BoundedStaleness

```
az cosmosdb create \
--name $name \
```

- --enable-virtual-network true\
- --enable-automatic-failover true\
- --kind 'GlobalDocumentDB' \
- --kind 'MongoDB' \

```
--resource group $resourceGroupName \
--max interval 5 \
```

- --locations 'southcentralus'
- --locations 'eastus'
- --locations'southcentralus=0 eastus=1 westus=2'
- --locations 'southcentralus=0'

```
--default-consistency-level - $consistencylevel
```

Answer:

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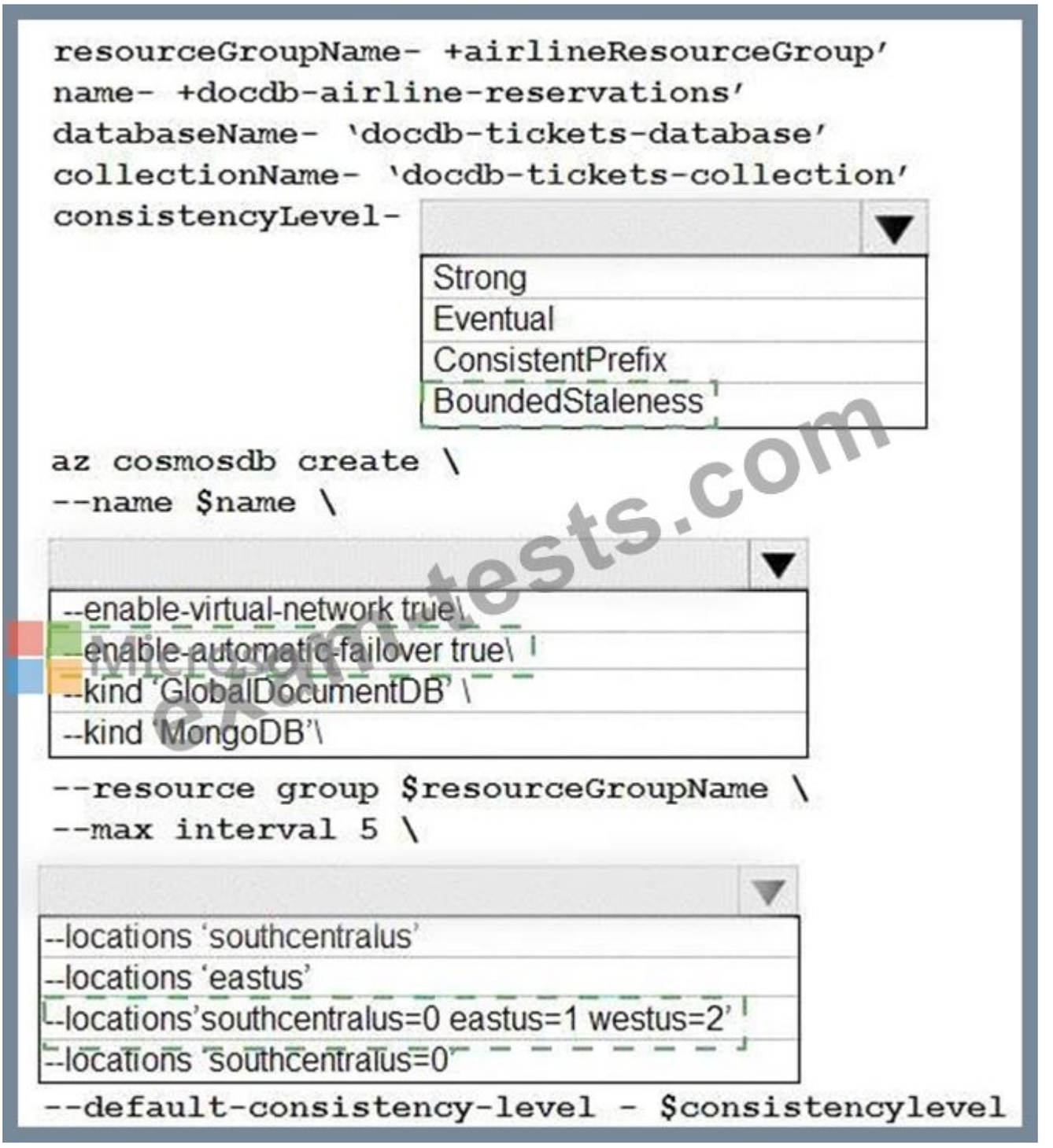
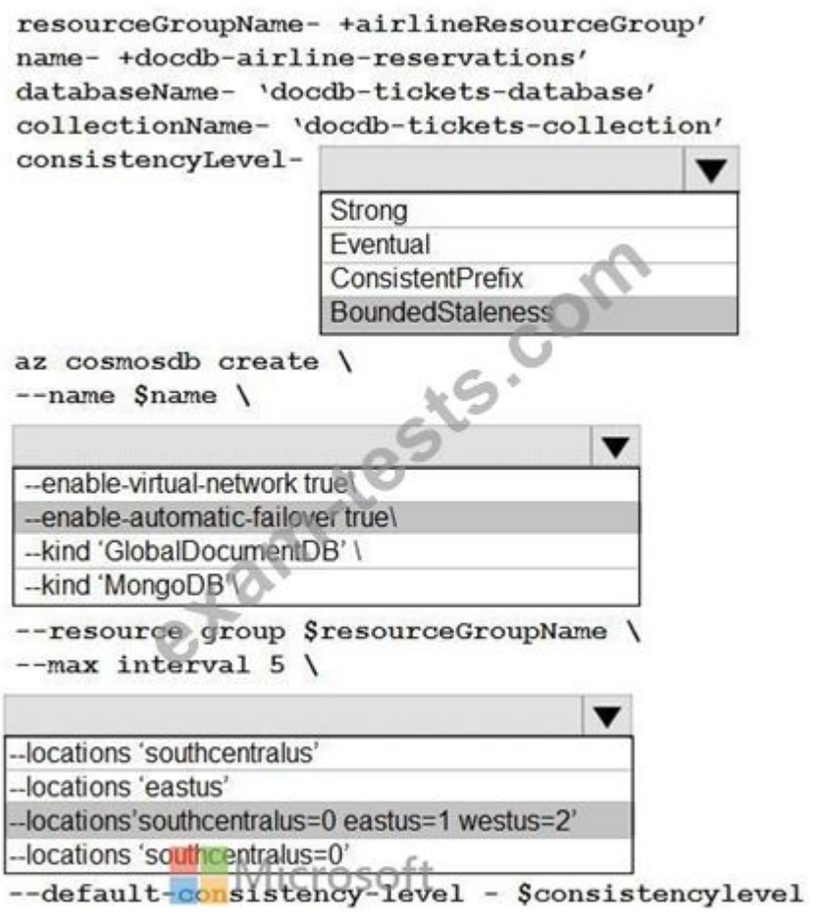


Explanation



Box 1: BoundedStaleness

Bounded staleness: The reads are guaranteed to honor the consistent-prefix guarantee. The reads might lag behind writes by at most "K" versions (that is, "updates") of an item or by "T" time interval. In other words, when you choose bounded staleness, the "staleness" can be configured in two ways:

The number of versions (K) of the item

The time interval (T) by which the reads might lag behind the writes

Reference:

https://docs.microsoft.com/en-us/azure/cosmos-db/consistency-levels

https://github.com/MicrosoftDocs/azure-docs/blob/master/articles/cosmos-db/manage-with-cli.md

NEW QUESTION: 84

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.)

Answer Area

Answer:

Answer Area

Explanation

Answer Area

NEW QUESTION: 85

You need to implement telemetry for non-user actions.

How should you complete the Filter class? 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

- /health
- /status
- RequestTelemetry
- PageViewTelemetry
- ITelementryProcessor
- ITelementryInitializer

Answer Area

```
public class Filter : [code segment]
{
    private readonly [code segment] _next;
    public (Filter [code segment] next)
    {
    _next = next;
    }
    public void Process(ITelemetry item)
    {
      var x = item as [code segment];
       if (x?.Url.AbsolutePath == "[code segment]" )
       {
         return;
       }
       _next.Process(item);
    }
}
```

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Answer:

Actions

- Log in to the registry and push image.
- Create an alias of the image with a new build number.
- Create an alias of the image with the fully qualified path to the registry.
- Download the image to your local computer.
- Build a new application image by using dockerfilt.

Answer Area

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

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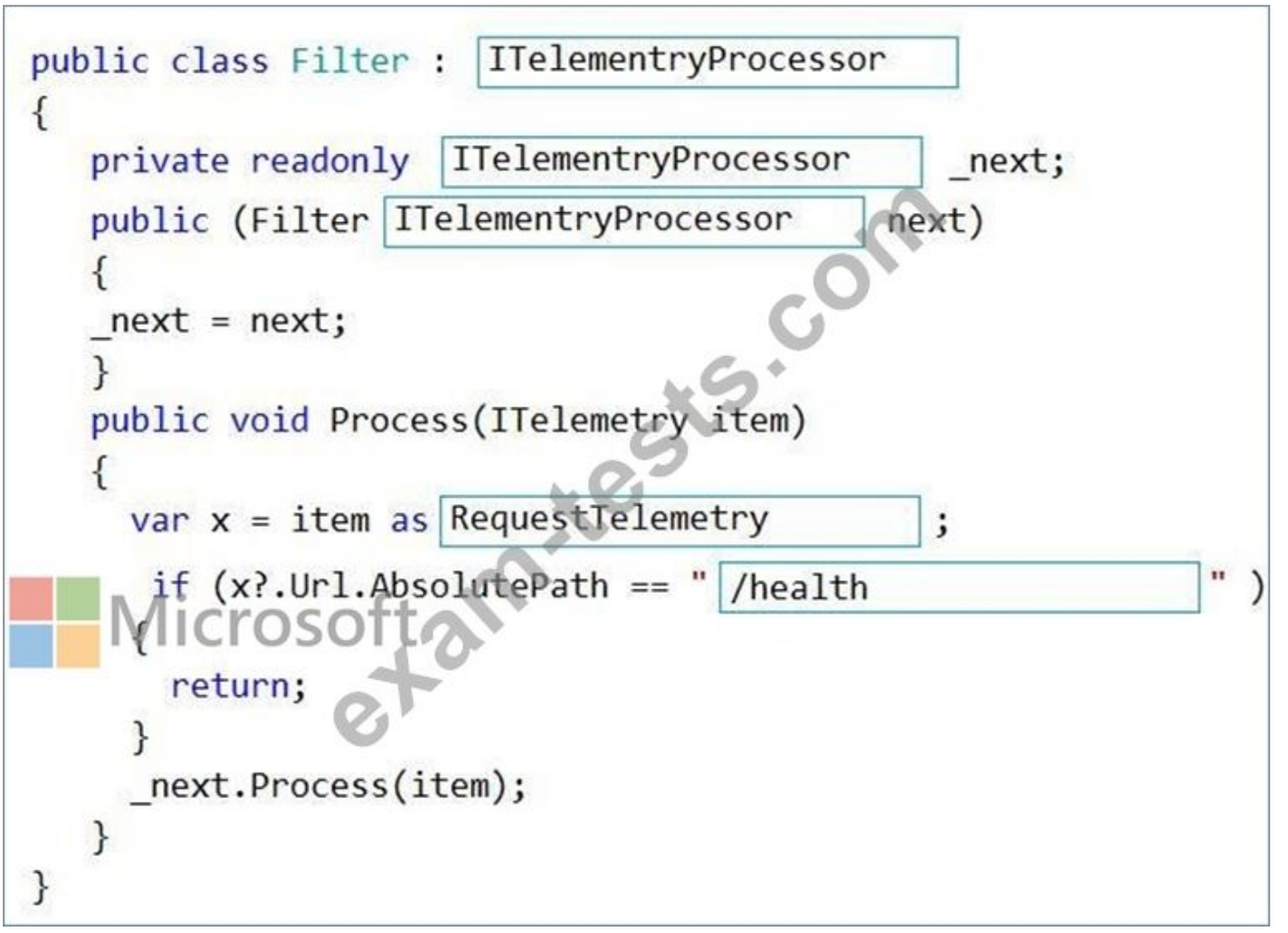
Explanation



Scenario: Exclude non-user actions from Application Insights telemetry.

Box 1: ITelemetryProcessor

To create a filter, implement ITelemetryProcessor. This technique gives you more direct control over what is included or excluded from the telemetry stream.

Box 2: ITelemetryProcessor

Box 3: ITelemetryProcessor

Box 4: RequestTelemetry

Box 5: /health

To filter out an item, just terminate the chain.

Reference:

https://docs.microsoft.com/en-us/azure/azure-monitor/app/api-filtering-sampling

NEW QUESTION: 86

You are developing a new page for a website that uses Azure Cosmos DB for data storage. The feature uses documents that have the following format:

```
{
    "name": "John",
    "city" : "Seattle"
}
```

You must display data for the new page in a specific order. You create the following query for the

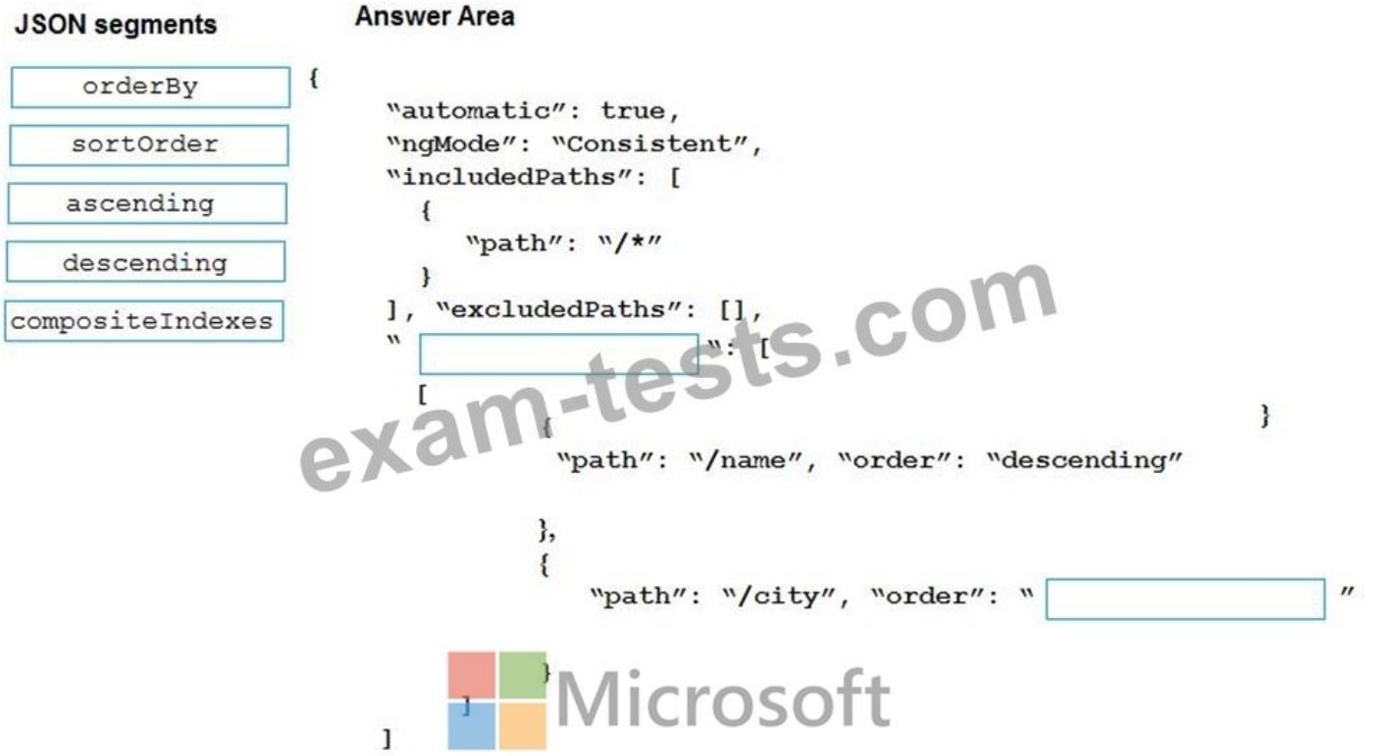
page:

```
SELECT*
FROM People p
ORDER BY p.name, p.city DESC
```

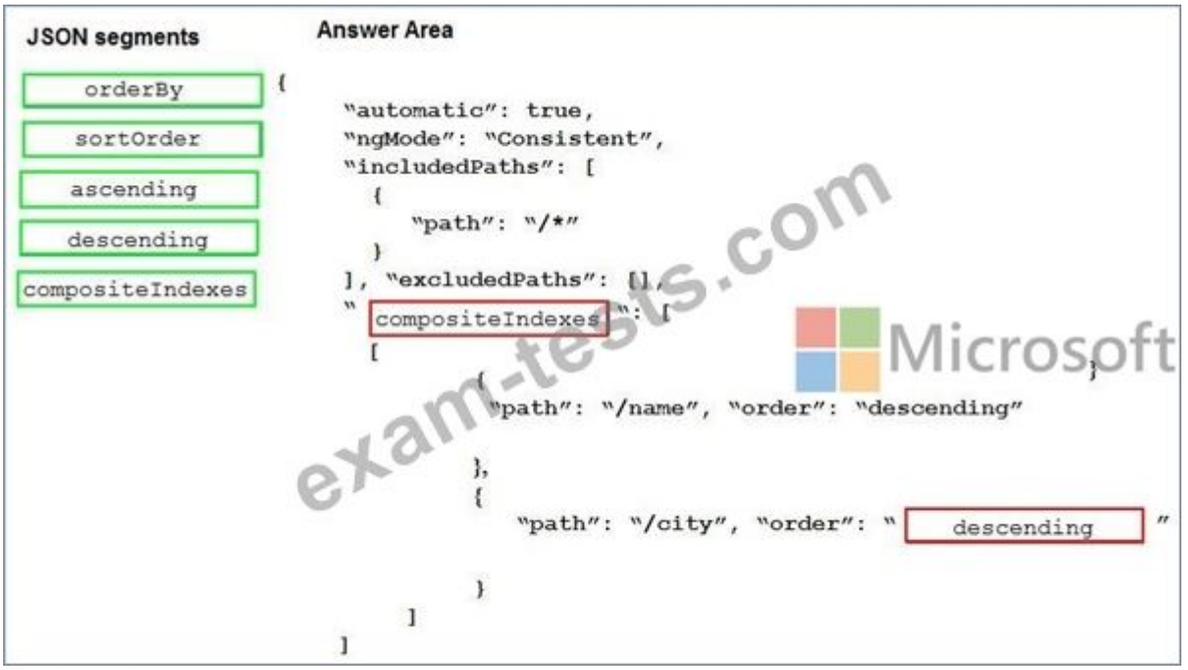
You need to configure a Cosmos DB policy to the support the query.

How should you configure the policy? 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.



Answer:



Explanation:

Box 1: compositeIndexes
You can order by multiple properties. A query that orders by multiple properties requires a composite index.
Box 2: descending
Example: Composite index defined for (name ASC, age ASC):
It is optional to specify the order. If not specified, the order is ascending.

```
{
"automatic":true,
"indexingMode":"Consistent",
"includedPaths":[
{
"path":"/*"
}
],
"excludedPaths":[],
"compositeIndexes":[
[
{
"path":"/name",
},
{
"path":"/age",
}
]
]
}
```

NEW QUESTION: 87
You are developing applications for a company. You plan to host the applications on Azure App Services.
The company has the following requirements:
Every five minutes verify that the websites are responsive.
Verify that the websites respond within a specified time threshold. Dependent requests such as images and JavaScript files must load properly.
Generate alerts if a website is experiencing issues.
If a website fails to load, the system must attempt to reload the site three more times.
You need to implement this process with the least amount of effort.
What should you do?
D18912E1457D5D1DDCBD40AB3BF70D5D
A. Create a Selenium web test and configure it to run from your workstation as a scheduled task.
B. Set up a URL ping test to query the home page.

C. Create an Azure function to query the home page.
D. Create a multi-step web test to query the home page.
E. Create a Custom Track Availability Test to query the home page.
Answer: D (LEAVE A REPLY)
You can monitor a recorded sequence of URLs and interactions with a website via multi-step web tests.
Reference:
https://docs.microsoft.com/en-us/azure/azure-monitor/app/availability-multistep

NEW QUESTION: 88
Case Study 5
Requirements
Receipt processing
Concurrent processing of a receipt must be prevented.
Logging
Azure Application Insights is used for telemetry and logging in both the processor and the web application. The processor also has TraceWriter logging enabled. Application Insights must always contain all log messages.
Disaster recovery
Regional outage must not impact application availability. All DR operations must not be dependent on application running and must ensure that data in the DR region is up to date.
Security
* Users' SecurityPin must be stored in such a way that access to the database does not allow the viewing of SecurityPins. The web application is the only system that should have access to SecurityPins.
* 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.
* All access to Azure Storage and Azure SQL database must use the application's Managed Service Identity (MSI)
* Receipt data must always be encrypted at rest.
* All data must be protected in transit
* User's expense account number must be visible only to logged in users. All other views of the expense account number should include only the last segment, with the remaining parts obscured.
* In the case of a security breach access to all summary reports must be revoked without impacting other parts of the system.
Issues
Upload format issue
Employees occasionally report an issue with uploading a receipt using the web application. They report that when they upload a receipt using the Azure File Share, the receipt does not appear in

their profile. When this occurs, they delete the file in the file share and use the web application, which returns a 500 Internal Server error page.

Capacity issue

During busy periods, employees report long delays between the time they upload the receipt and when it appears in the web application.

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.

Application code

Processing.cs

```
PC02 {
PC03 public static class Function
PC04 {
PC05   [FunctionName("IssueWork")]
PC06   public static async Task Run([TimerTrigger("0*/5" * * *")] TimerInfo timer, ILogger log
PC07   {
PC08     var container = await GetCloudBlobContainer();
PC09     foreach (var fileItem in await ListFiles())
PC10     {
PC11       var file = new CloudFile(fileItem.StorageUri.PrimaryUri);
PC12       var ms = new MemoryStream();
PC13       await file.DownloadToStream();
PC14       var blob = container.GetBlockBlobReference(fileItem.Uri.ToString());
PC15       await blob.UploadFromStreamAsync(ms);
PC16
PC17  }
PC18  }
PC19  private static CloudBlockBlob GetDRBlob(CloudBlockBlob sourceBlob)
PC20  {
PC21  . . .
PC22 }
PC23 private static async Task<CloudBlobContainer>GetCloudBlobContainer()
PC24 {
PC25     var cloudBlobClient = new CloudBlobClient(new Uri(" . . ."), await GetCredentials());
PC26
PC27     await cloudBlobClient.GetRootContainerReference().CreareIfNoExistsAsync();
PC28     return cloudBlobClient.GetRootContainerReference();
PC29 }
PC30   private static async Task<StorageCredentials>GetCredentials()
PC31    {
PC32    . . .
PC33    }
PC34    private static async Task<List<IlistFileItem>> ListFiles()
PC35     {
PC36       . . .
PC37     }
PC37     private KeyVaultClient_keyVaultClient = new KeyVaultClient(" . . .");
PC38   }
PC39  }
```

Database.cs

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```
DB01  public class Database
DB02  {
DB03     private string ConnectionString =
DB04
DB05    public async Task<Object> LoadUserDetails(string userId)
DB06    {
DB07
DB08    return await policy.ExecuteAsync(async () =>
DB09    {
DB10      using (var connection = new SqlConnection(ConnectionString))
DB11      {
DB12      await connection.OpenAsync();
DB13      using (var command = new SqlCommand("_", connection))
DB14      using (var reader = command.ExecuteReader())
DB15      {
DB16        _
DB17      }
DB18        }
DB19    });
DB20  }
DB21 }
```

ReceiptUploader.cs

```
RU01 public class ReceiptUploader
RU02 {
RU03    public async Task UploadFile(string file, byte[] binary)
RU04    {
RU05    var httpClient = new HttpClient();
RU06    var response = await httpClient.PutAsync("_", new ByteArrayContent(binary))
RU07    while (ShouldRetry(response))
RU08    {
RU09      response = await httpClient.PutAsync("_", new ByteArrayContent(binary));
RU10    }
RU11       }
RU12       private bool ShouldRetry(HttpResponseMessage response)
RU13       {
RU14
RU15       }
RU16  }
```

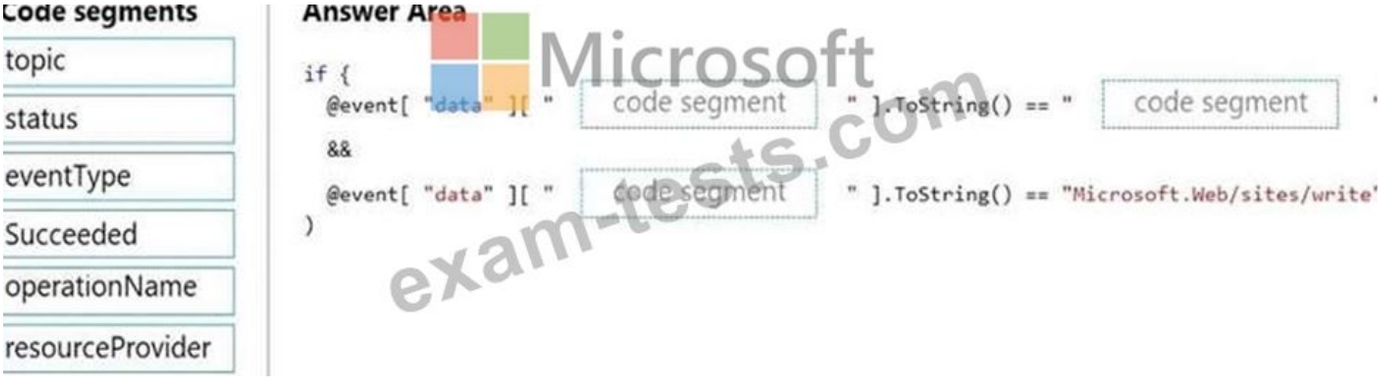
ConfigureSSE.ps1

```
CS01 $storageAccount = Get-AzureRmStorageAccount -ResourceGroupName "…" -AccountName "…"
CS02 $keyVault = Get-AzureRmKeyVault -VaultName "…"
CS03 $key = Get-AzureKeyVaultKey -VaultName $keyVault.VaultName -Name "…"
CS04   Set-AzureRmKeyVaultAccessPolicy `
CS05   -VaultName $keyVault.VaultName `
CS06   -ObjectId $storageAccount.Identity.PrincipalId `
CS07
CS08
CS09   Set-AzureRmStorageAccount `
CS10  -ResourceGroupName $storageAccount.ResourceGroup Name `
CS11  -AccountName $storageAccount.StorageAccountName `
CS12  -EnableEncryptionService File `
CS13  -KeyvaultEncryption `
CS14  -KeyName $key.Name
CS15  -KeyVersion $key.Version `
CS16  -KeyVaultUri $keyVault.VaultUri
```

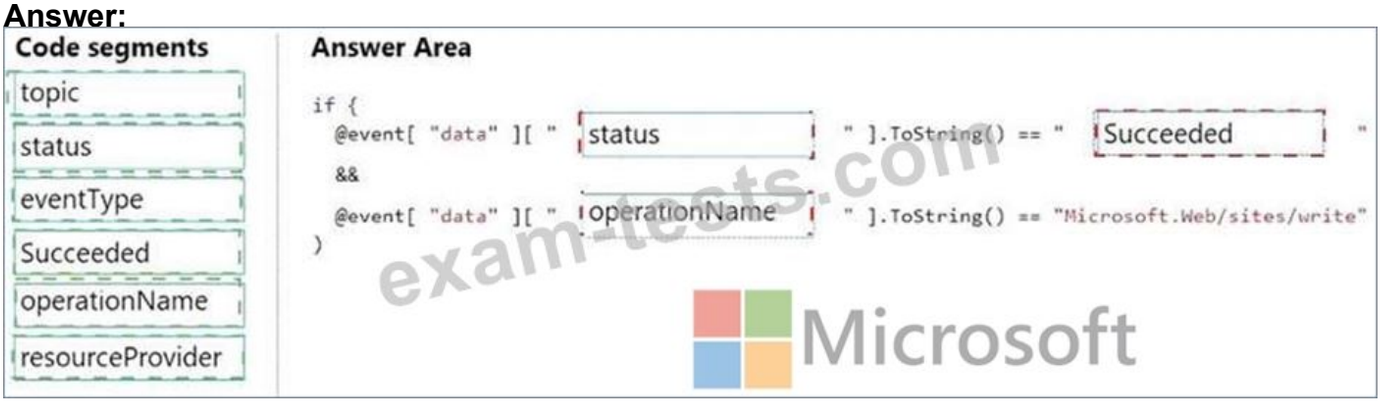
Note: This question is part of a series of questions that present the same scenario. Each question

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 need to ensure that the SecurityPin security requirements are met.
Solution: Using the Azure Portal, add Data Masking to the SecurityPin column, and exclude the dbo user. Add a SQL security policy with a filter predicate based on the user identity.
Does the solution meet the goal?
A. Yes
B. No
Answer: B (LEAVE A REPLY)
Instead of DataMasing, enable Always Encrypted for the SecurityPin column.
Scenario: Users' SecurityPin must be stored in such a way that access to the database does not allow the viewing of SecurityPins. The web application is the only system that should have access to SecurityPins.

NEW QUESTION: 89
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.



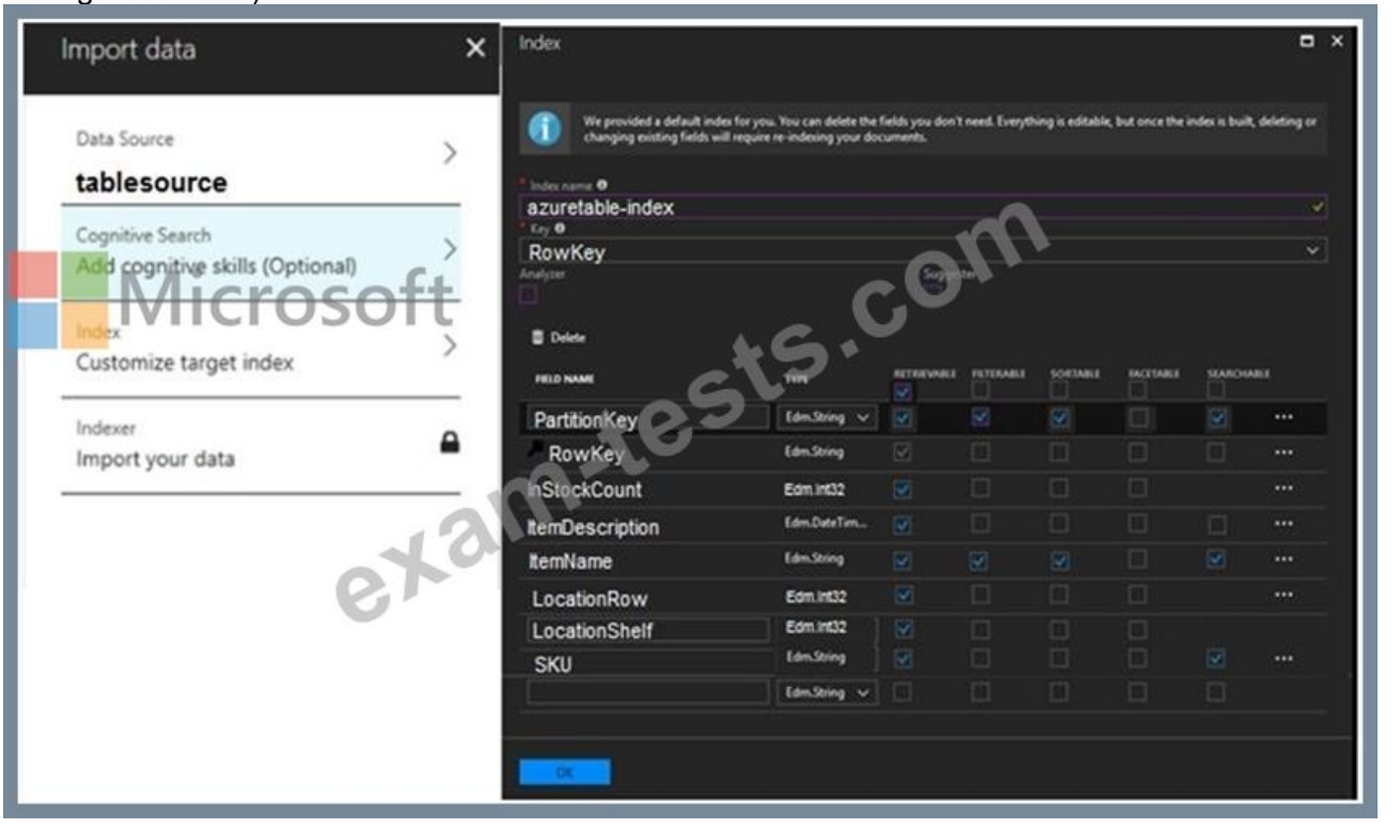
Answer:



Explanation

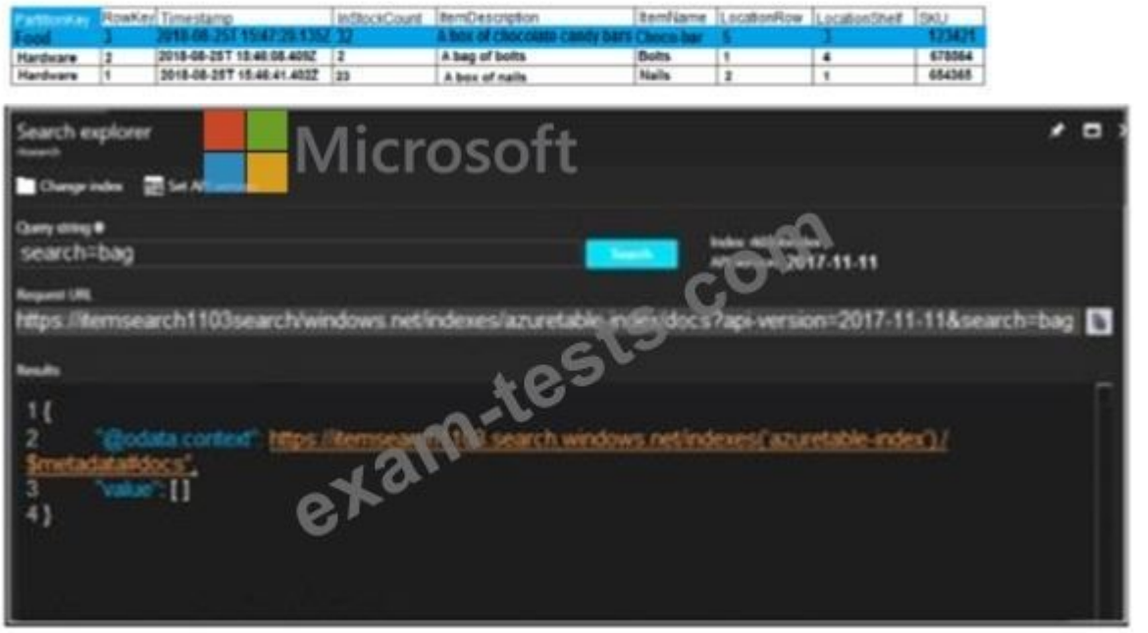
Scenario, Log policy: All Azure App Service Web Apps must write logs to Azure Blob storage.
Box 1: Status
Box 2: Succeeded
Box 3: operationName
Microsoft.Web/sites/write is resource provider operation. It creates a new Web App or updates an existing one.
Reference:
https://docs.microsoft.com/en-us/azure/role-based-access-control/resource-provider-operations

NEW QUESTION: 90
You are validating the configuration of an Azure Search indexer.
The service has been configured with an indexer that uses the Import Data option. The index is configured using options as shown in the Index Configuration exhibit. (Click the Index Configuration tab.)



You use an Azure table as the data source for the import operation. The table contains three records with item inventory data that matches the fields in the Storage data exhibit. These records were imported when the index was created. (Click the Storage Data tab.) When users search with

no filter, all three records are displayed.



When users search for items by description, Search explorer returns no records. The Search Explorer exhibit shows the query and results for a test. In the test, a user is trying to search for all items in the table that have a description that contains the word bag. (Click the Search Explorer tab.) You need to resolve the issue.

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

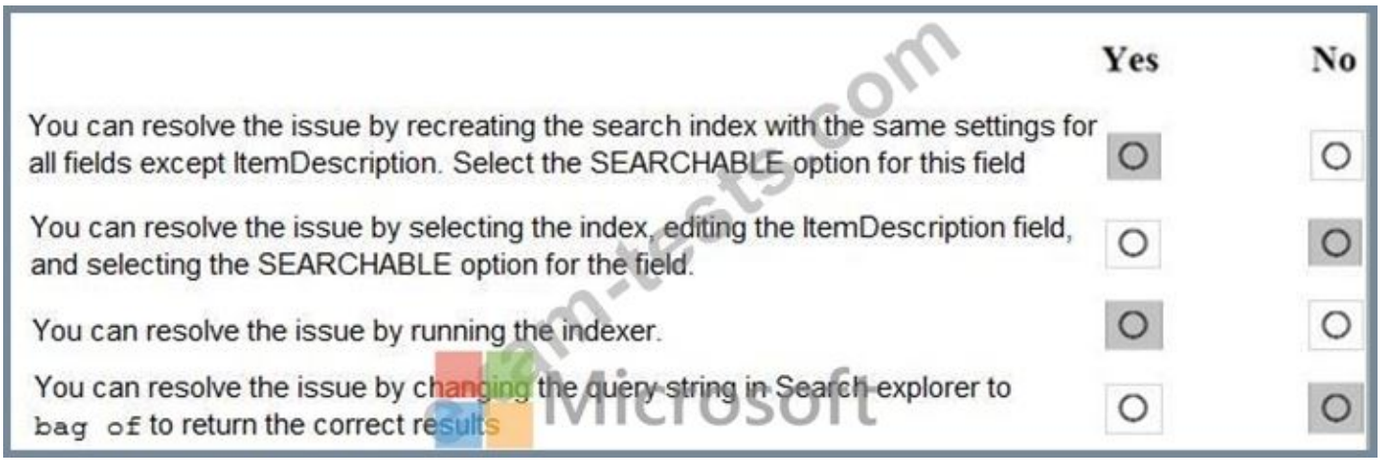
NOTE: Each correct selection is worth one point.

	Yes	No
You can resolve the issue by recreating the search index with the same settings for all fields except ItemDescription. Select the SEARCHABLE option for this field	○	○
You can resolve the issue by selecting the index, editing the ItemDescription field, and selecting the SEARCHABLE option for the field.	○	○
You can resolve the issue by running the indexer.	○	○
You can resolve the issue by changing the query string in Search explorer to `bag of` to return the correct results	○	○

Answer:

	Yes	No
You can resolve the issue by recreating the search index with the same settings for all fields except ItemDescription. Select the SEARCHABLE option for this field	○	○
You can resolve the issue by selecting the index, editing the ItemDescription field, and selecting the SEARCHABLE option for the field.	○	○
You can resolve the issue by running the indexer.	○	○
You can resolve the issue by changing the query string in Search explorer to `bag of` to return the correct results	○	○

Explanation



Box 1: Yes

The ItemDescription field in not searchable.

Box 2: No

The ItemDescription field in not searchable, but we would need to recreate the index.

Box 3: Yes

An indexer in Azure Search is a crawler that extracts searchable data and metadata from an external Azure data source and populates an index based on field-to-field mappings between the index and your data source.

This approach is sometimes referred to as a 'pull model' because the service pulls data in without you having to write any code that adds data to an index.

Box 4: No

References:

https://docs.microsoft.com/en-us/azure/search/search-what-is-an-index

https://docs.microsoft.com/en-us/azure/search/search-indexer-overview

NEW QUESTION: 91

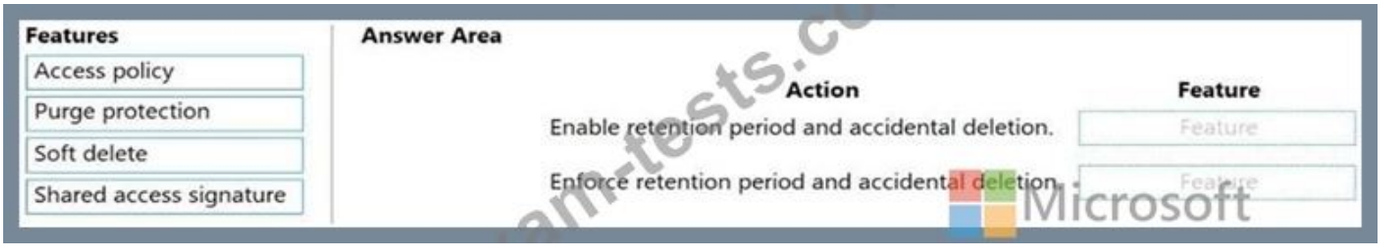
You are developing an application to securely transfer data between on-premises file systems and Azure Blob storage. The application stores keys, secrets, and certificates in Azure Key Vault. The application uses the Azure Key Vault APIs.

The application must allow recovery of an accidental deletion of the key vault or key vault objects. Key vault objects must be retained for 90 days after deletion.

You need to protect the key vault and key vault objects.

Which Azure Key Vault feature should you use? To answer, drag the appropriate features to the correct actions. 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.



Answer:

Reference:
https://docs.microsoft.com/en-us/azure/key-vault/general/soft-delete-overview

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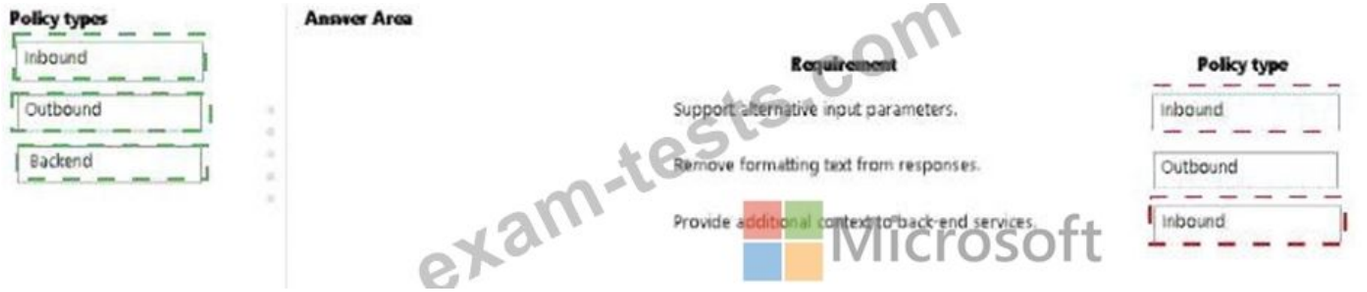
NEW QUESTION: 92

You have an application that provides weather forecasting data to external partners. You use Azure API Management to publish APIs.
You must change the behavior of the API to meet the following requirements:

* Support alternative input parameters.
* Remove formatting text from responses.
* Provide additional context to back-end services.

Which types of policies should you implement? To answer, drag the policy types to the correct scenarios. Each policy type 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.

Answer:



Explanation

Graphical user interface, text, application Description automatically generated

NEW QUESTION: 93

You need to secure the Shipping Function app.

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

NOTE: Each correct selection is worth one point.

Setting	Value
Authorization level	Function Anonymous Admin
User claims	JSON Web Token (JWT) Shared Access Signature (SAS) token API Key
Trigger type	blob HTTP queue timer

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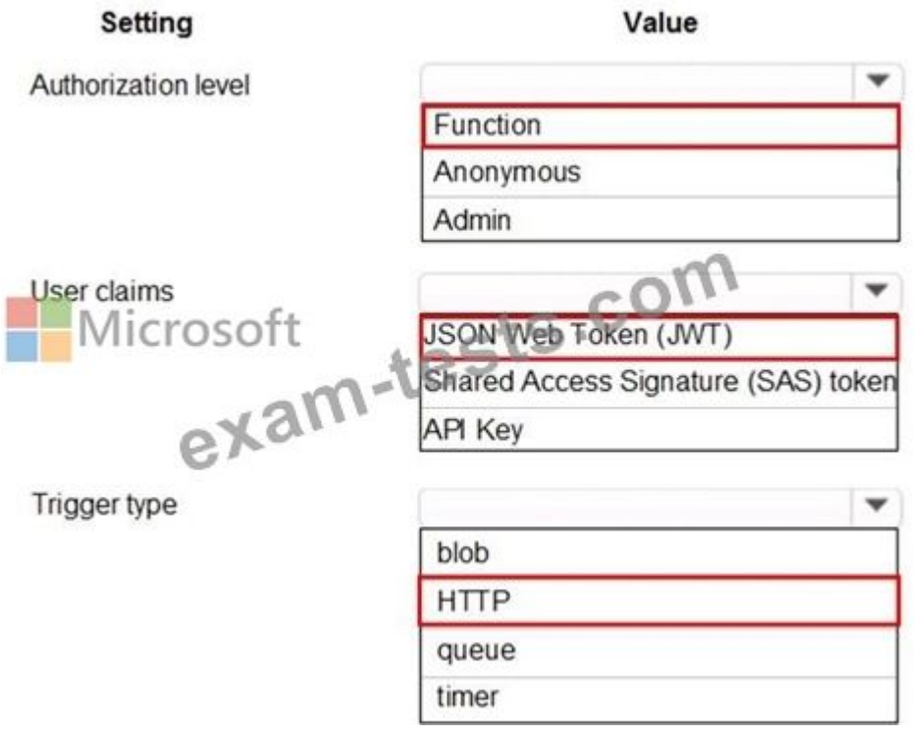
Answer:



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NEW QUESTION: 94

You need to secure the Shipping Logic App.

What should you use?

A. Azure App Service Environment (ASE)

B. Azure AD B2B integration

C. Integration Service Environment (ISE)

D. VNet service endpoint

Answer: (SHOW ANSWER)

Explanation

Scenario: The Shipping Logic App requires secure resources to the corporate VNet and use dedicated storage resources with a fixed costing model.

You can access to Azure Virtual Network resources from Azure Logic Apps by using integration service environments (ISEs).

Sometimes, your logic apps and integration accounts need access to secured resources, such as virtual machines (VMs) and other systems or services, that are inside an Azure virtual network. To set up this access, you can create an integration service environment (ISE) where you can run your logic apps and create your integration accounts.

References:

https://docs.microsoft.com/en-us/azure/logic-apps/connect-virtual-network-vnet-isolated-environment-overview

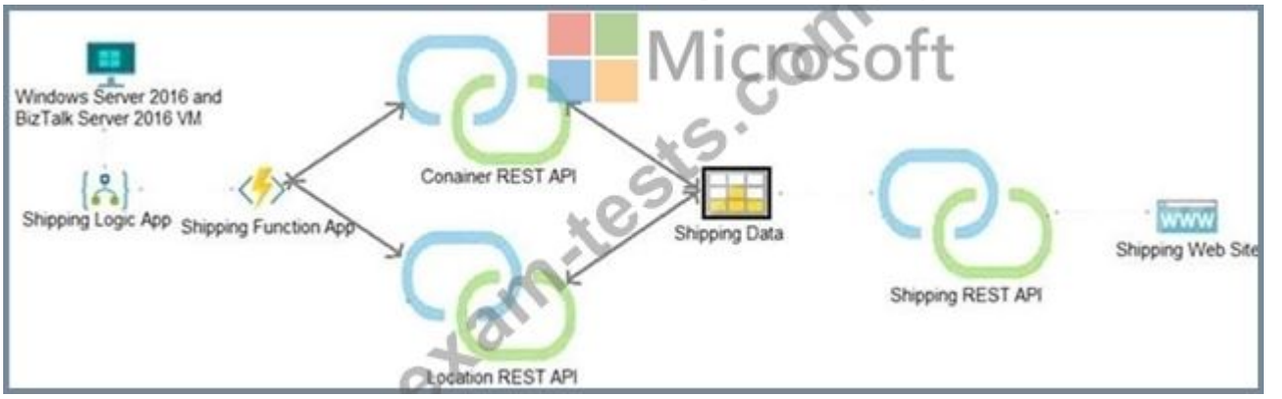
Topic 1, Windows Server 2016 virtual machine

Case study

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. If the case study has an All Information tab, note that the information displayed is identical to the information displayed on the subsequent tabs. When you are ready to answer a question, click the Question button to return to the question.
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: 95

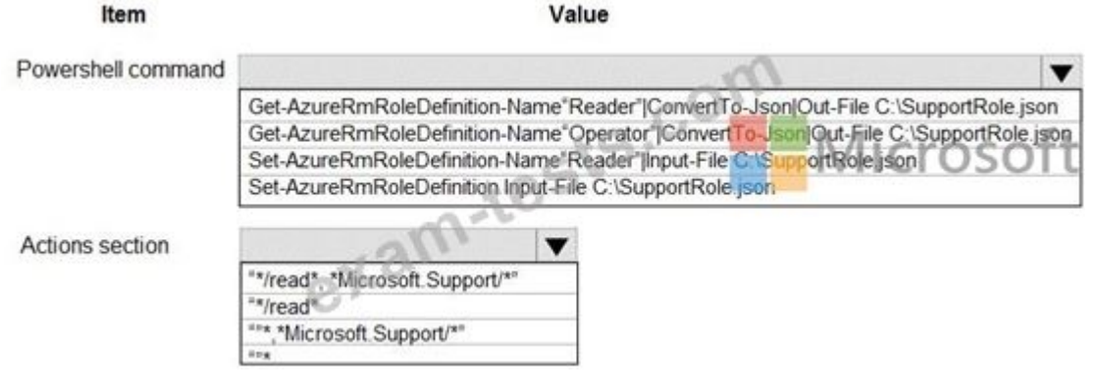
Your company is migrating applications to Azure. The IT department must allow internal developers to communicate with Microsoft support.

The service agents of the IT department must only have view resources and create support ticket permissions to all subscriptions. A new custom role must be created by reusing a default role definition and changing the permissions.

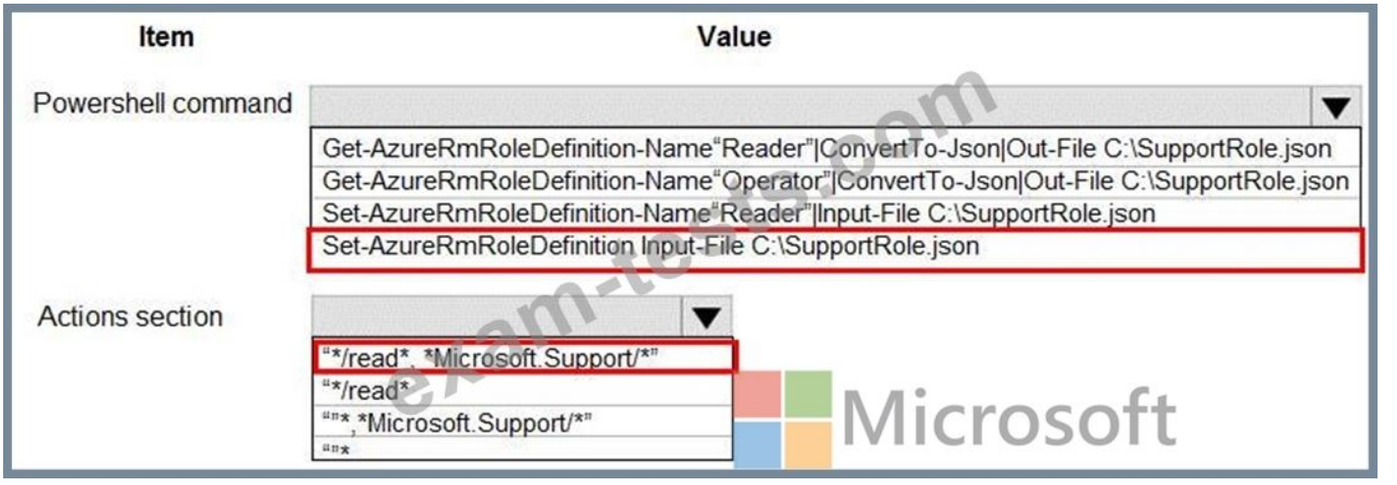
You need to create the custom role.

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

NOTE: Each correct selection is worth one point.



Answer:

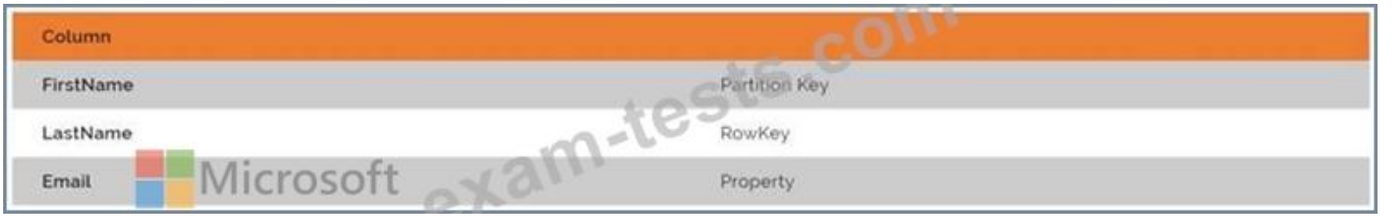


Reference:

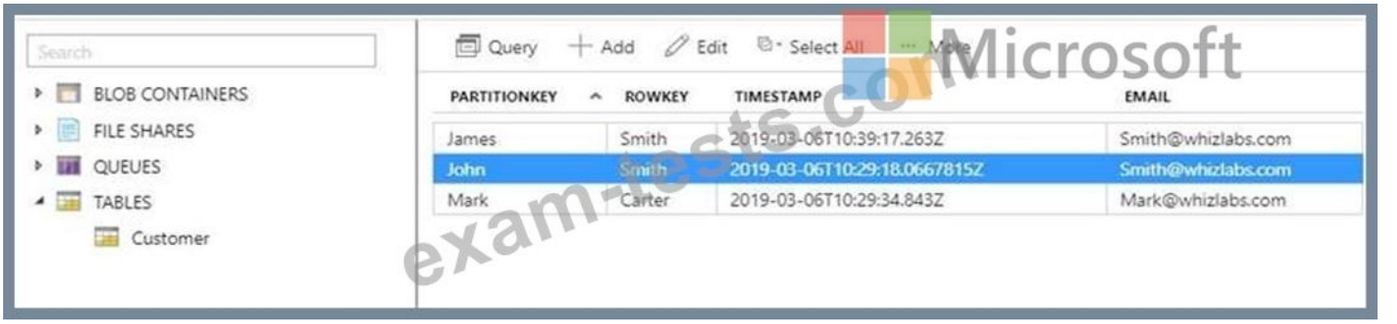
https://docs.microsoft.com/en-us/azure/role-based-access-control/custom-roles-powershell

NEW QUESTION: 96

A development team is developing an application that works with Azure Table storage.



Below are some of the rows in the table



Is the below.Net Code query

```
TableQuery<CustomerEntity> rangeQuery = new TableQuery<CustomerEntity>().Where(
    TableQuery.CombineFilters(
        TableQuery.GenerateFilterCondition("PartitionKey", QueryComparisons.Equal, "James"),
        TableOperators.And,
        TableQuery.GenerateFilterCondition("RowKey", QueryComparisons.Equal, "Smith")));
```

Same as executing the below REST API call along with a valid Shared Access Signature

https://whizlabsstore.table.core.windows.net/Customer(PartitionKey='James',RowKey='Smith')

A. Yes

B. No

Answer: A (LEAVE A REPLY)

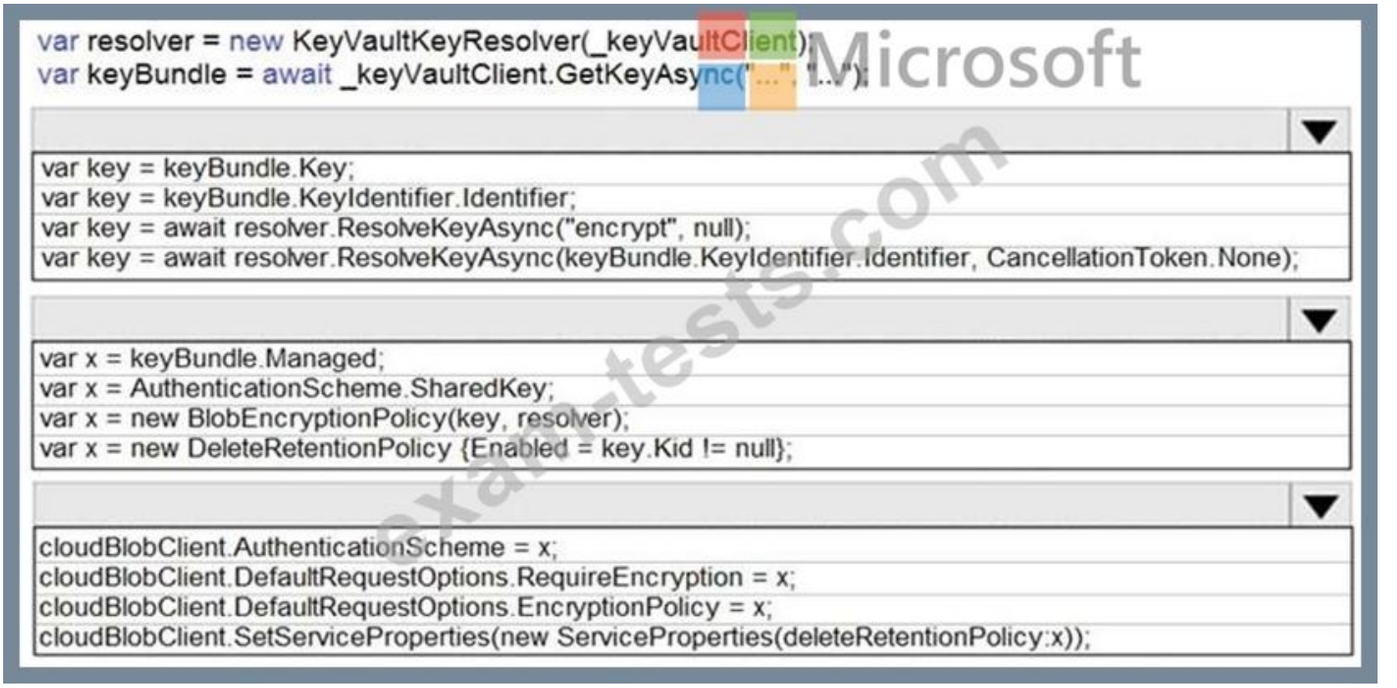
https://docs.microsoft.com/en-us/rest/api/storageservices/querying-tables-and-entities

NEW QUESTION: 97

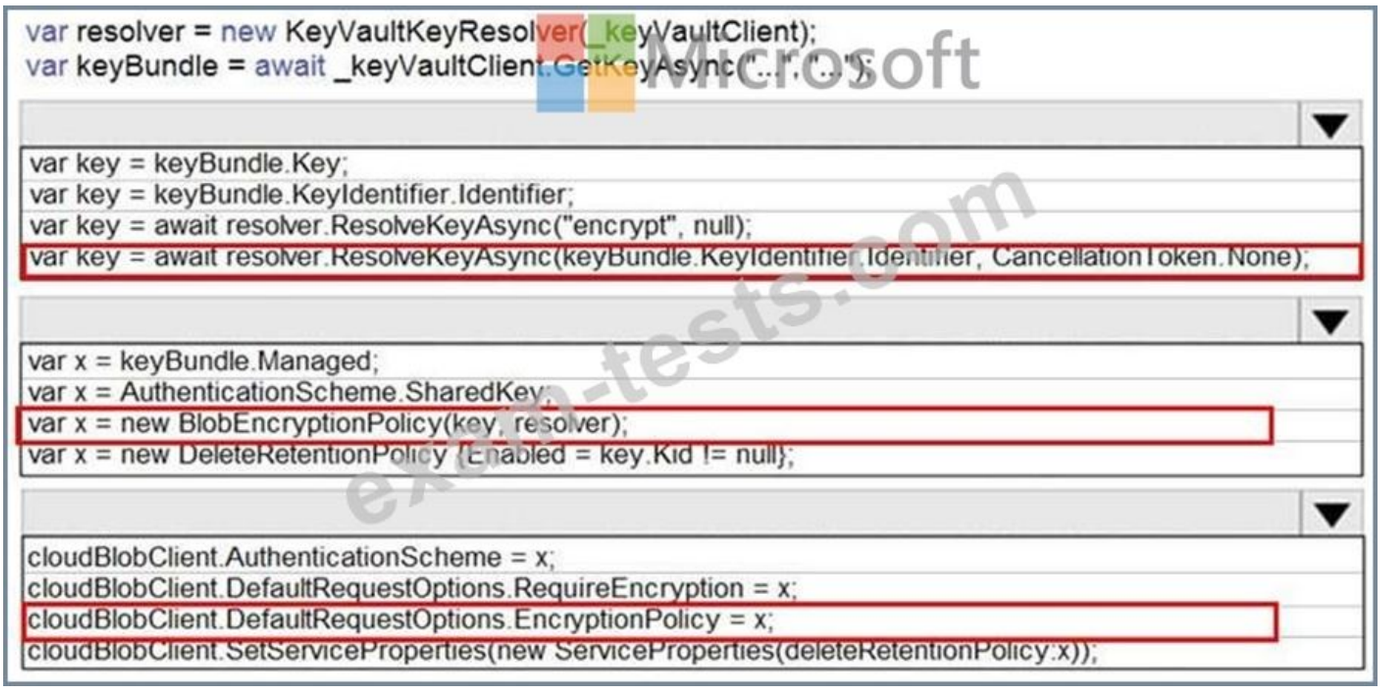
You need to add code at line PC26 of Processing.cs to ensure that security policies are met.

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.



Answer:



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

Topic 6, Coho Winery

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.

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

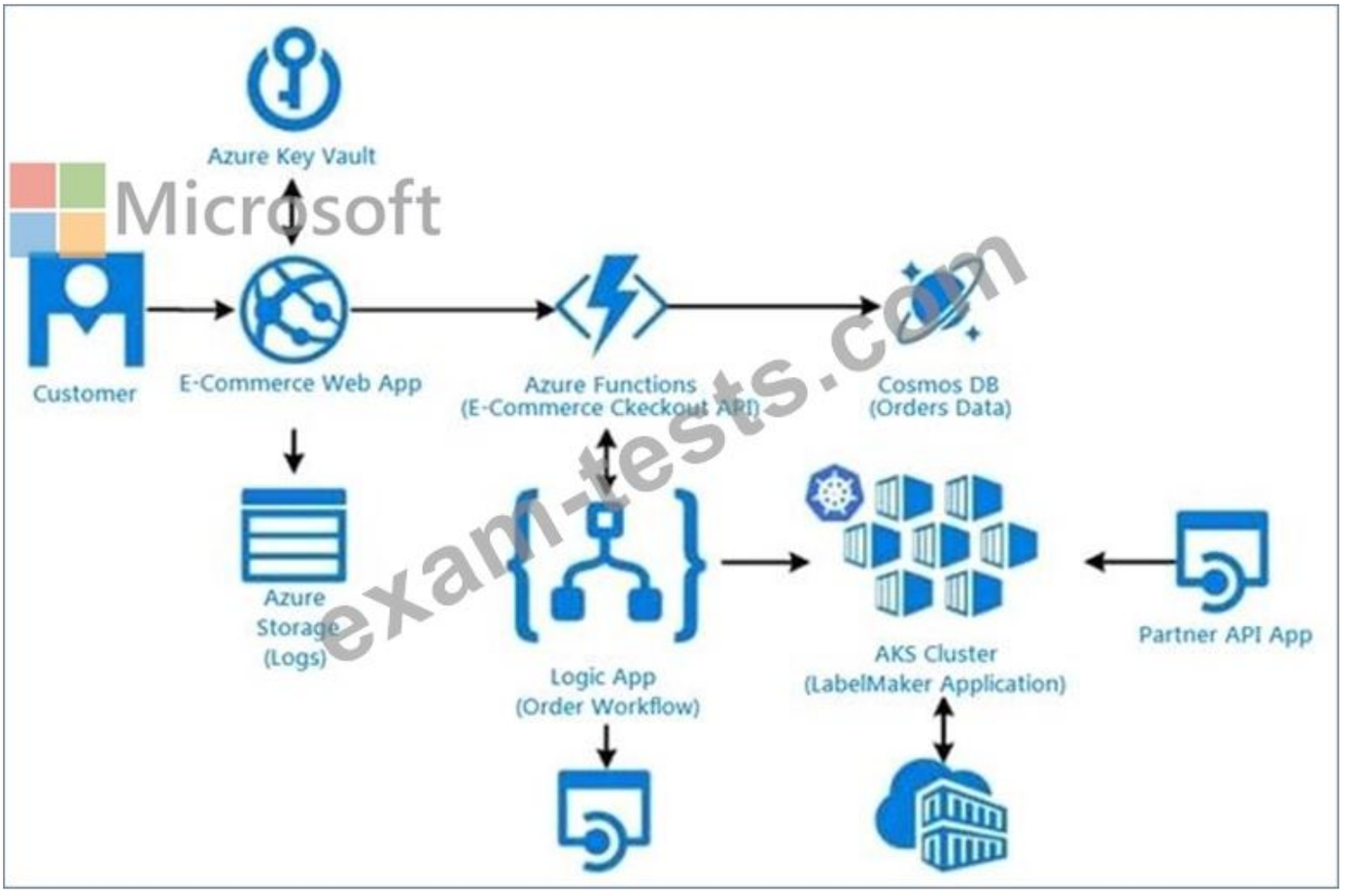
You have the following security requirements:

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.

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

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



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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 {
```

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```
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" : "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    }
```

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```
38    ],
39    "address" : {
40    "state" : "NY" ,
41    "state": "Manhattan" ,
42    "city" : "NY"
43    }
44 }
```

NEW QUESTION: 98

You have an app that stores player scores for an online game. The app stores data in Azure tables using a class named PlayerScore as the table entity. The table is populated with 100,000 records.

You are reviewing the following section of code that is intended to retrieve 20 records where the player score exceeds 15,000. (Line numbers are included for reference only.)

```
1 public void GetScore(string.playerId, int score, string gameName)
2 {
3    Table Query<DynamicTableEntity> query - new TableQuery<DynamicTableEntity>().Select(new.string[.] { "Score" })
       .Where(TableQuery.GenerateFilterConditionForInt("Score", QueryComparisons.GretaerThanOrEqual, 15000)).Take
(20);
4    EntityResolver<KeyValuePair<string, int?>> resolver =
      (partitionKey, rowKey, ts, props, etag) => new KeyValuePair<string, int?>(rowKey, props["Score"].Int32Value);
5    foreach (var scoreItem in scoreTable.ExecuteQuery (query, resolver, null, null))
6    {
      Console.Writeline($"{scoreItem.Key} {scoreItem.Value}");
7    }
8   }

9  public class PlayerScore : TableEntity
10 {
11   public PlayerScore(string gameId, string playerId, int score, long timePlayed)
12   {
13     PartitionKey = gameId;
14     RowKey = playerId;
15     Score = score;
16     TimePlayed = timePlayed;
17   }
18   public int Score { get; set; }
19   public long TimePlayed { get; set; }
20   }
```

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

```
{
  CloudStorageAccount storageAccount = CloudStorageAccount.Parse(connectionString
  CloudTableClient tableClient = storageAccount.CreateCloudTableClinet();
  CloudTable table = tableClient.GetTableReference("scoreTable");
  table.CreateIfNotExists();
  var scoreRecord = new PlayerScore(gameId, playerId, score, timePlayed);
  TableOperation insertOperation = TableOperation.Insert(scoreRecord);
  table.Execute(insertOperation);
 }
 public class PlayerScore : TableEntity
{
  public PlayerScore(string gameId, string playerId, int score, long timePlayed)
  {
    this.PartitionKey = gameId;
    this.RowKey = playerId;
  Score = score;
  TimePlayed = timePlayed;
  }
  public int Score { get; set; }
  public long TimePlayed { get; set; }
```

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

```
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  TableOperstors.And, TableQuery.GenerateFilterCondition(Email, QueryComparisons.Equal,
"ssmith@contoso.com")
07  ));
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 queries the Azure table and retrieves the TimePlayed property from the table	○	○
The code will display a maximum of twenty records.	○	○
All records will be sent to the client. The client will display records for scores greater than or equal to 15,000.	○	○
The scoreItem.Key property of the KeyValuePairs that ExecuteQuery returns will contain a value for PlayerID.	○	○

Answer:

	Yes	No
The code queries the Azure table and retrieves the TimePlayed property from the table	○	○
The code will display a maximum of twenty records.	○	○
All records will be sent to the client. The client will display records for scores greater than or equal to 15,000.	○	○
The scoreItem.Key property of the KeyValuePairs that ExecuteQuery returns will contain a value for PlayerID.	○	○

Reference:
https://www.vkinfotek.com/azureqa/how-do-i-query-azure-table-storage-using-tablequery-class.html

NEW QUESTION: 99
You are developing an ASP.NET Core time sheet application that runs as an Azure Web App.
Users of the application enter their time sheet information on the first day of every month.
The application uses a third-party web service to validate data.
The application encounters periodic server errors due to errors that result from calling a third-party web server. Each request to the third-party server has the same chance of failure.
You need to configure an Azure Monitor alert to detect server errors unrelated to the third-party service. You must minimize false-positive alerts.
How should you complete the Azure Resource Manager template? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

```
"type": "Microsoft.Insights/metricAlerts",
"properties": {
"criteria": {
   "odata.type": ". . .",
   "allOf": [
     {
       "criterionType": "[                                ]",
                        DynamicThresholdCriterion
                        SingleResourceMultipleMetricCriteria

       "metricName": "[      ]",
                     Http4xx
                     Http5xx

       "alertSensitivity": "[      ]"
                           Low
                           High
   }]}
```

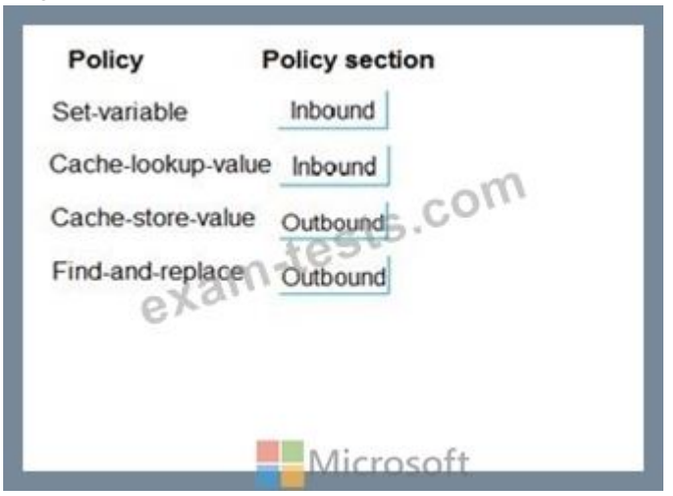
Answer:

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

NEW QUESTION: 100
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 policies. Each section 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

Answer:

Explanation



Box 1: Inbound.

A set-variable policy to store the detected user identity.

Example:

<policies>

<inbound>

<!-- How you determine user identity is application dependent -->

<set-variable

name="enduserid"

value="@(context.Request.Headers.GetValueOrDefault("Authorization","").Split(' ')

[1].AsJwt()?.Subject)" /> Box 2: Inbound A cache-lookup-value policy Example:

<inbound>

<base />

<cache-lookup vary-by-developer="true | false" vary-by-developer-groups="true | false"

downstream-caching-type="none | private | public" must-revalidate="true | false">

<vary-by-query-parameter>parameter name</vary-by-query-parameter> <!-- optional, can

repeated several times -->

</cache-lookup>

</inbound>

Box 3: Outbound

A cache-store-value policy.

Example:

<outbound>

<base />

<cache-store duration="3600" />

</outbound>
Box 4: Outbound
A find-and-replace policy to update the response body with the user profile information.
Example:
<outbound>
<!-- Update response body with user profile-->
<find-and-replace
from="'$userprofile$'"
to="@((string)context.Variables["userprofile"])" />
<base />
</outbound>
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: 101
Case Study 5
Requirements
Receipt processing
Concurrent processing of a receipt must be prevented.
Logging
Azure Application Insights is used for telemetry and logging in both the processor and the web application. The processor also has TraceWriter logging enabled. Application Insights must always contain all log messages.
Disaster recovery
Regional outage must not impact application availability. All DR operations must not be dependent on application running and must ensure that data in the DR region is up to date.
Security
* Users' SecurityPin must be stored in such a way that access to the database does not allow the viewing of SecurityPins. The web application is the only system that should have access to SecurityPins.
* 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.
* All access to Azure Storage and Azure SQL database must use the application's Managed Service Identity (MSI)
* Receipt data must always be encrypted at rest.
* All data must be protected in transit
* User's expense account number must be visible only to logged in users. All other views of the expense account number should include only the last segment, with the remaining parts obscured.

* In the case of a security breach access to all summary reports must be revoked without impacting other parts of the system.

Issues

Upload format issue

Employees occasionally report an issue with uploading a receipt using the web application. They report that when they upload a receipt using the Azure File Share, the receipt does not appear in their profile. When this occurs, they delete the file in the file share and use the web application, which returns a 500 Internal Server error page.

Capacity issue

During busy periods, employees report long delays between the time they upload the receipt and when it appears in the web application.

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.

Application code

Processing.cs

```
PC02 {
PC03 public static class Function
PC04 {
PC05   [FunctionName("IssueWork")]
PC06   public static async Task Run([TimerTrigger("0*/5" * * *")] TimerInfo timer, ILogger log
PC07   {
PC08     var container = await GetCloudBlobContainer();
PC09     foreach (var fileItem in await ListFiles())
PC10     {
PC11       var file = new CloudFile(fileItem.StorageUri.PrimaryUri);
PC12       var ms = new MemoryStream();
PC13       await file.DownloadToStream();
PC14       var blob = container.GetBlockBlobReference(fileItem.Uri.ToString());
PC15       await blob.UploadFromStreamAsync(ms);
PC16
PC17  }
PC18  }
PC19  private static CloudBlockBlob GetDRBlob(CloudBlockBlob sourceBlob)
PC20  {
PC21  . . .
PC22 }
PC23 private static async Task<CloudBlobContainer>GetCloudBlobContainer()
PC24 {
PC25     var cloudBlobClient = new CloudBlobClient(new Uri(" . . ."), await GetCredentials());
PC26
PC27     await cloudBlobClient.GetRootContainerReference().CreareIfNoExistsAsync();
PC28     return cloudBlobClient.GetRootContainerReference();
PC29 }
PC30   private static async Task<StorageCredentials>GetCredentials()
PC31    {
PC32    . . .
PC33    }
PC34    private static async Task<List<IlistFileItem>> ListFiles()
PC35     {
PC36       . . .
PC37     }
PC37     private KeyVaultClient_keyVaultClient = new KeyVaultClient(" . . .");
PC38   }
PC39  }
```

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Database.cs

```
DB01  public class Database
DB02  {
DB03     private string ConnectionString =
DB04
DB05    public async Task<Object> LoadUserDetails(string userId)
DB06    {
DB07
DB08    return await policy.ExecuteAsync(async () =>
DB09    {
DB10      using (var connection = new SqlConnection(ConnectionString))
DB11      {
DB12      await connection.OpenAsync();
DB13      using (var command = new SqlCommand("_", connection))
DB14      using (var reader = command.ExecuteReader())
DB15      {
DB16        _
DB17      }
DB18        }
DB19    });
DB20  }
DB21 }
```

ReceiptUploader.cs

```
RU01 public class ReceiptUploader
RU02 {
RU03    public async Task UploadFile(string file, byte[] binary)
RU04    {
RU05    var httpClient = new HttpClient();
RU06    var response = await httpClient.PutAsync("_", new ByteArrayContent(binary))
RU07    while (ShouldRetry(response))
RU08    {
RU09      response = await httpClient.PutAsync("_", new ByteArrayContent(binary));
RU10    }
RU11       }
RU12       private bool ShouldRetry(HttpResponseMessage response)
RU13       {
RU14
RU15       }
RU16   }
```

ConfigureSSE.ps1

```
CS01 $storageAccount = Get-AzureRmStorageAccount -ResourceGroupName "…" -AccountName "…"
CS02 $keyVault = Get-AzureRmKeyVault -VaultName "…"
CS03 $key = Get-AzureKeyVaultKey -VaultName $keyVault.VaultName -Name "…"
CS04   Set-AzureRmKeyVaultAccessPolicy `
CS05   -VaultName $keyVault.VaultName `
CS06   -ObjectId $storageAccount.Identity.PrincipalId `
CS07
CS08
CS09   Set-AzureRmStorageAccount `
CS10  -ResourceGroupName $storageAccount.ResourceGroup Name `
CS11  -AccountName $storageAccount.StorageAccountName `
CS12  -EnableEncryptionService File `
CS13  -KeyvaultEncryption `
CS14  -KeyName $key.Name
CS15  -KeyVersion $key.Version `
CS16  -KeyVaultUri $keyVault.VaultUri
```

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Hotspot Question

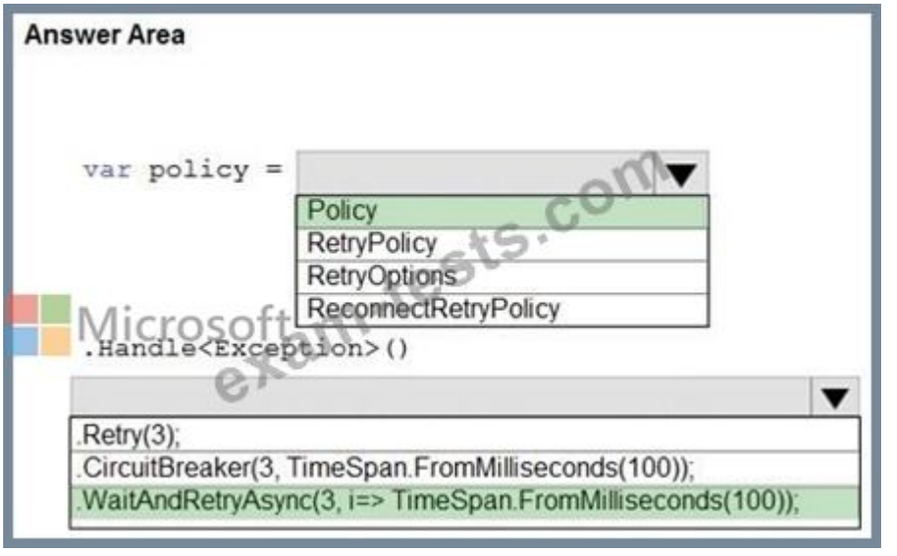
You need to configure retries in the LoadUserDetails function in the Database class without impacting user experience.

What code should you insert on line DB07?

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

NOTE: Each correct selection is worth one point.

Answer:



Explanation:

Box 1: Policy

RetryPolicy retry = Policy

.Handle<HttpRequestException>()

.Retry(3);

The above example will create a retry policy which will retry up to three times if an action fails with an exception handled by the Policy.

Box 2: WaitAndRetryAsync(3,i => TimeSpan.FromMilliseconds(100* Math.Pow(2,i-1))); A common retry strategy is exponential backoff: this allows for retries to be made initially quickly, but then at progressively longer intervals, to avoid hitting a subsystem with repeated frequent calls if the subsystem may be struggling.

Example:

Policy
.Handle<SomeExceptionType>()
.WaitAndRetry(3, retryAttempt =>
TimeSpan.FromSeconds(Math.Pow(2, retryAttempt))
);
References:
https://github.com/App-vNext/Polly/wiki/Retry

NEW QUESTION: 102
Case Study 2
Requirements
ContentAnalysisService
The company's data science group built ContentAnalysisService which accepts user generated content as a string and returns a probable value for inappropriate content. Any values over a specific threshold must be reviewed by an employee of Contoso, Ltd.
You must create an Azure Function named CheckUserContent to perform the content checks.
Costs
You must minimize costs for all Azure services.
Manual review
To review content, the user must authenticate to the website portion of the ContentAnalysisService using their Azure AD credentials. The website is built using React and all pages and API endpoints require authentication. In order to review content a user must be part of a ContentReviewer role. All completed reviews must include the reviewer's email address for auditing purposes.
High availability
All services must run in multiple regions. The failure of any service in a region must not impact overall application availability.
Monitoring
An alert must be raised if the ContentUploadService uses more than 80 percent of available CPU-cores.
Security
You have the following security requirements:
* Any web service accessible over the Internet must be protected from cross site scripting attacks.
* All websites and services must use SSL from a valid root certificate authority.
* Azure Storage access keys must only be stored in memory and must be available only to the service.
* All Internal services must only be accessible from Internal Virtual Networks (VNets)
* All parts of the system must support inbound and outbound traffic restrictions.
* All service calls must be authenticated by using Azure AD.
User agreements
When a user submits content, they must agree to a user agreement. The agreement allows

employees of Contoso.Ltd to review content, store cookies on user devices and track user's IP addresses.

Information regarding agreements is used by multiple divisions within Contoso, Ltd.

User responses must not be lost and must be available to all parties regardless of individual service uptime. The volume of agreements is expected to be in the millions per hour.

Validation testing

When a new version of the ContentAnalysisService is available the previous seven days of content must be processed with the new version to verify that the new version does not significantly deviate from the old version.

Issues

Users of the ContentUploadService report that they occasionally see HTTP 502 responses on specific pages.

Code

ContentUploadService

```
CS01 apiVersion: '2018-10-01'
CS02 type: Microsoft.ContainerInstance/containerGroups
CS03 location : westus
CS04 name : contentUploadService
CS05 properties :
CS06      containers:
CS07      - name: service
CS08          properties:
CS09          image: contoso/contentUploadService:latest
CS10          ports:
CS11          -  port: 80
CS12             protocol: TCP
CS13          resources:
CS14            requests:
CS15               cpw: 1.0
CS16               memoryInGB: 1.5
CS17
CS18 ipaddress:
CS19      ip: 10.23.121.112
CS20      ports:
CS21        - port: 80
CS22          protocol : TCP
CS23
CS24
CS25 networkProfile
CS26 id :
/subscriptions/98..19/resourceGroups/container/providers/Microsoft.Network/networkProfiles/subnet
```

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```
AM01 {
AM02      "id" : "2b079f03-9b06-2d44-98bb-e9182901fcb6",
AM03      "appId" : "7118a7f0-b5c2-4c9d-833c-3d711396fe65",
AM04
AM05      "createdDateTime" : "2019-12-24T06:01:44Z",
AM06      "logoUrl" : null,
AM07      "logoutUrl" : null,
AM08      "name" : "ContentAnalysisService",
AM09
AM10
AM11      "orgRestrictions" : [],
AM12      "parentalControlSettings" : {
AM13       "countriesBlockedForMinors" : [],
AM14        "legalAgeGroupRule" : "Allow"
AM15      },
AM16      "passwordCredentials" : []
AM17 }
```

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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: (SHOW ANSWER)

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: 103

Hotspot Question

You are developing a ticket reservation system for an airline.

The storage solution for the application must meet the following requirements:

- Ensure at least 99.99% availability and provide low latency.
- Accept reservations event when localized network outages or other unforeseen failures occur.
- Process reservations in the exact sequence as reservations are submitted to minimize overbooking or selling the same seat to multiple travelers.
- Allow simultaneous and out-of-order reservations with a maximum five- second tolerance

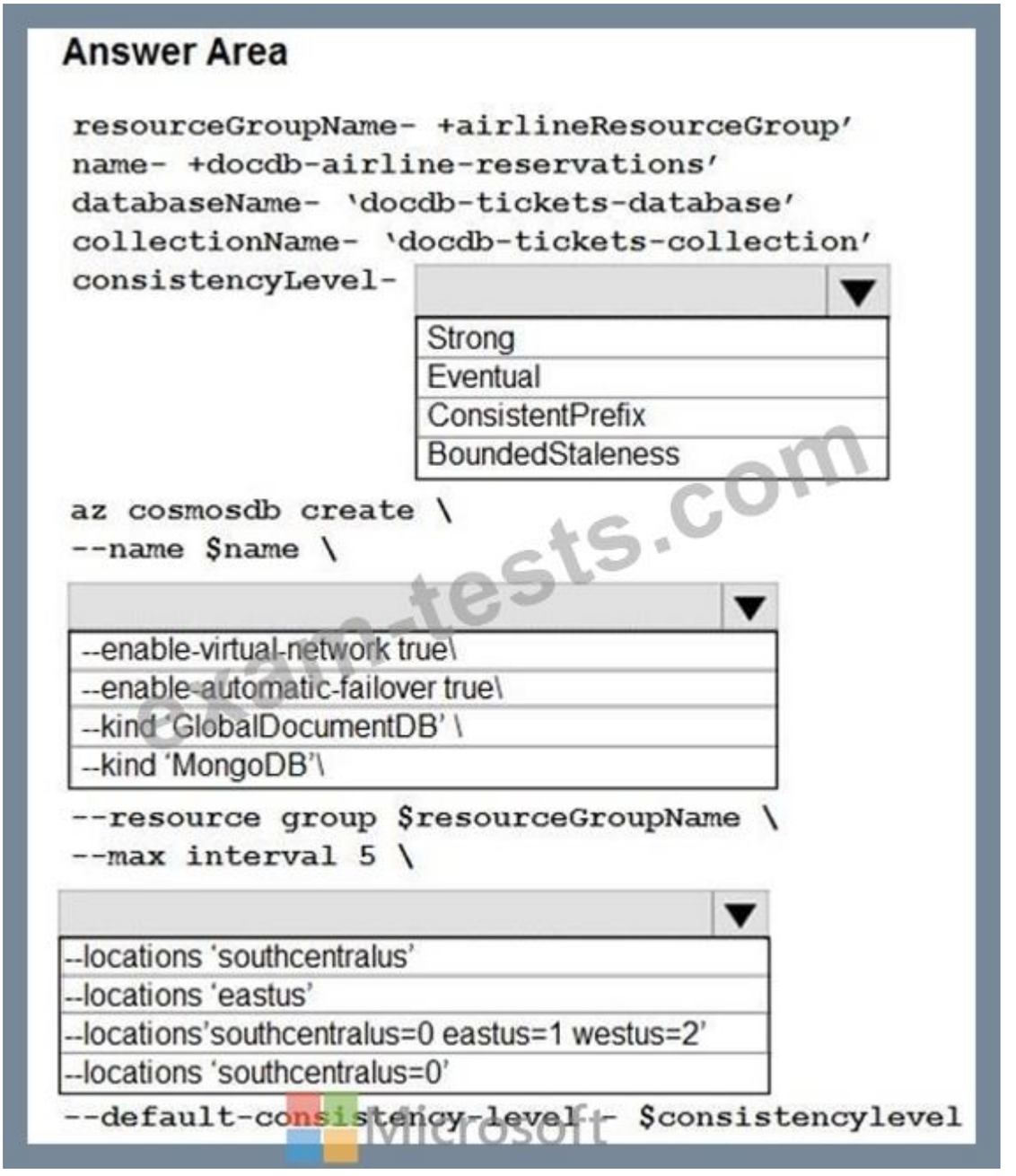
window.

You provision a resource group named airlineResourceGroup in the Azure South-Central US region.

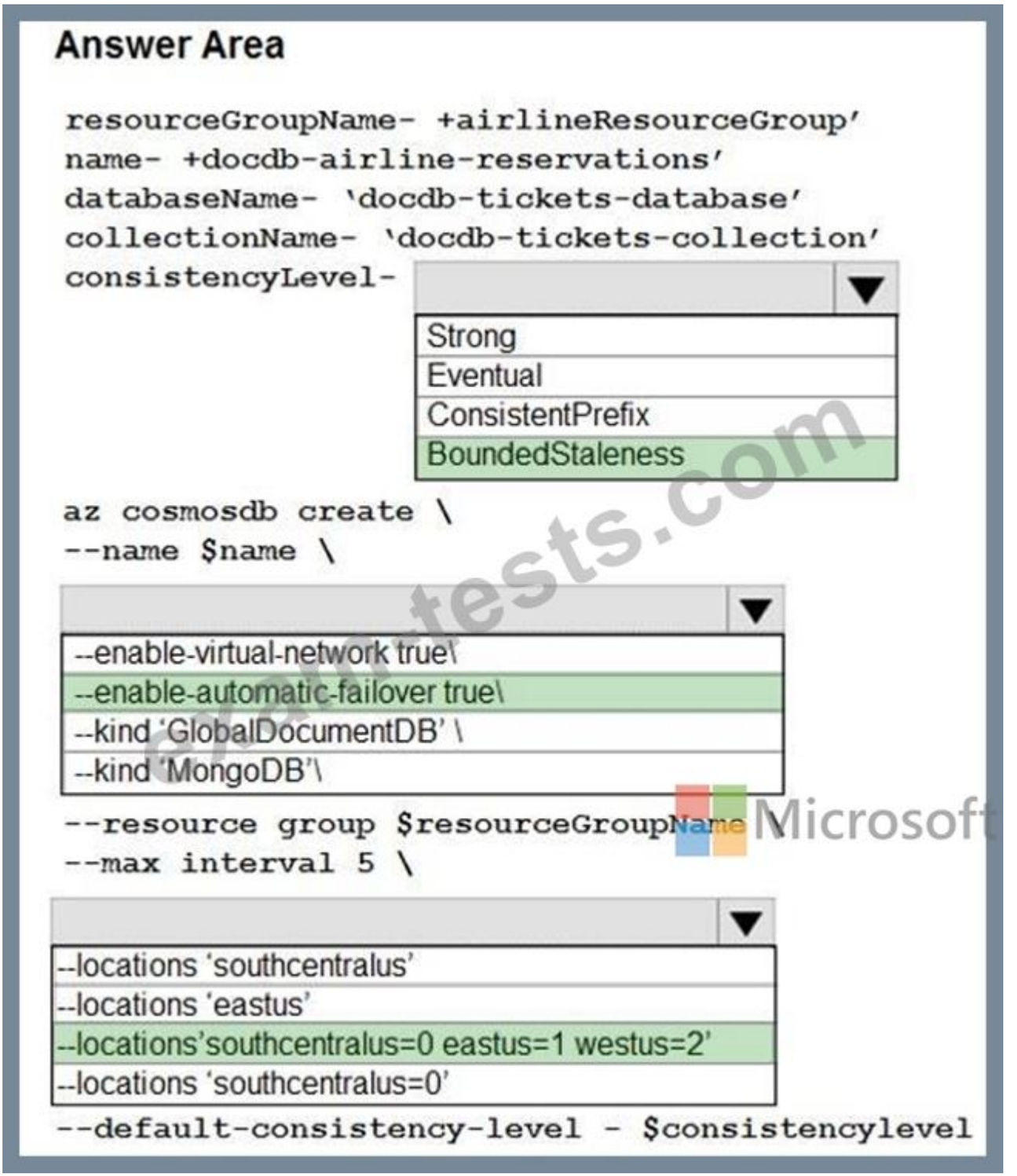
You need to provision a SQL SPI Cosmos DB account to support the app.

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.



Answer:



Explanation:

Box 1: BoundedStaleness

Bounded staleness: The reads are guaranteed to honor the consistent-prefix guarantee. The reads might lag behind writes by at most "K" versions (that is, "updates") of an item or by "T" time interval. In other words, when you choose bounded staleness, the "staleness" can be configured in two ways:

The number of versions (K) of the item

The time interval (T) by which the reads might lag behind the writes

Incorrect Answers:

Strong
Strong consistency offers a linearizability guarantee. Linearizability refers to serving requests concurrently. The reads are guaranteed to return the most recent committed version of an item. A client never sees an uncommitted or partial write. Users are always guaranteed to read the latest committed write.
Box 2: --enable-automatic-failover true\
For multi-region Cosmos accounts that are configured with a single-write region, enable automatic-failover by using Azure CLI or Azure portal. After you enable automatic failover, whenever there is a regional disaster, Cosmos DB will automatically failover your account.
Question: Accept reservations event when localized network outages or other unforeseen failures occur.
Box 3: --locations'southcentralus=0 eastus=1 westus=2
Need multi-region.
Reference:
https://docs.microsoft.com/en-us/azure/cosmos-db/consistency-levels
https://github.com/MicrosoftDocs/azure-docs/blob/master/articles/cosmos-db/manage-with-cli.md

NEW QUESTION: 104
You need to resolve the capacity issue.
What should you do?
A. Convert the trigger on the Azure Function to an Azure Blob storage trigger
B. Ensure that the consumption plan is configured correctly to allow scaling
C. Move the Azure Function to a dedicated App Service Plan
D. Update the loop starting on line PC09 to process items in parallel
Answer: (SHOW ANSWER)
If you want to read the files in parallel, you cannot use forEach. Each of the async callback function calls does return a promise. You can await the array of promises that you'll get with Promise.all.
Scenario: Capacity issue: During busy periods, employees report long delays between the time they upload the receipt and when it appears in the web application.

Reference:
https://stackoverflow.com/questions/37576685/using-async-await-with-a-foreach-loop

NEW QUESTION: 105

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

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

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. [          ▼] ();
                                          GetJob
                                          GetTask
                                          EnableJob
                                          CreateJob
        job.Id = jobId,
        job.PoolInfromation = 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. [          ▼] )));
                                                            TaskSuccess
                                                            TaskFailure
                                                            TaskCompletion
   outputFileList.Add(new OutputFile(fileTask.Output,
    new OutputFileDestination(failedContainer),
    new OutputFileUploadOptions(OutputFileUploadCondition, [          ▼] )));
                                                            TaskSuccess
                                                            TaskFailure
                                                            TaskCompletion
     task [          ▼] =outputFileList;
          OutputFiles
          FilesToStage
          ResourceFiles
          StageFiles
     task.Add(task);
     });
     ]
     return tasks,
}
```

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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.                    ();
                                          GetJob
                                          GetTask
                                          EnableJob
                                          CreateJob
        job.Id = jobId,
        job.PoolInfromation = 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.                    )));
                                                          TaskSuccess
                                                          TaskFailure
                                                          TaskCompletion
   outputFileList.Add(new OutputFile(fileTask.Output,
    new OutputFileDestination(failedContainer),
    new OutputFileUploadOptions(OutputFileUploadCondition,                    )));
                                                          TaskSuccess
                                                          TaskFailure
                                                          TaskCompletion
     task                                  =outputFileList;
                                          OutputFiles
                                          FilesToStage
                                          ResourceFiles
                                          StageFiles
     task.Add(task);
     });
     ]
     return tasks,
}
```

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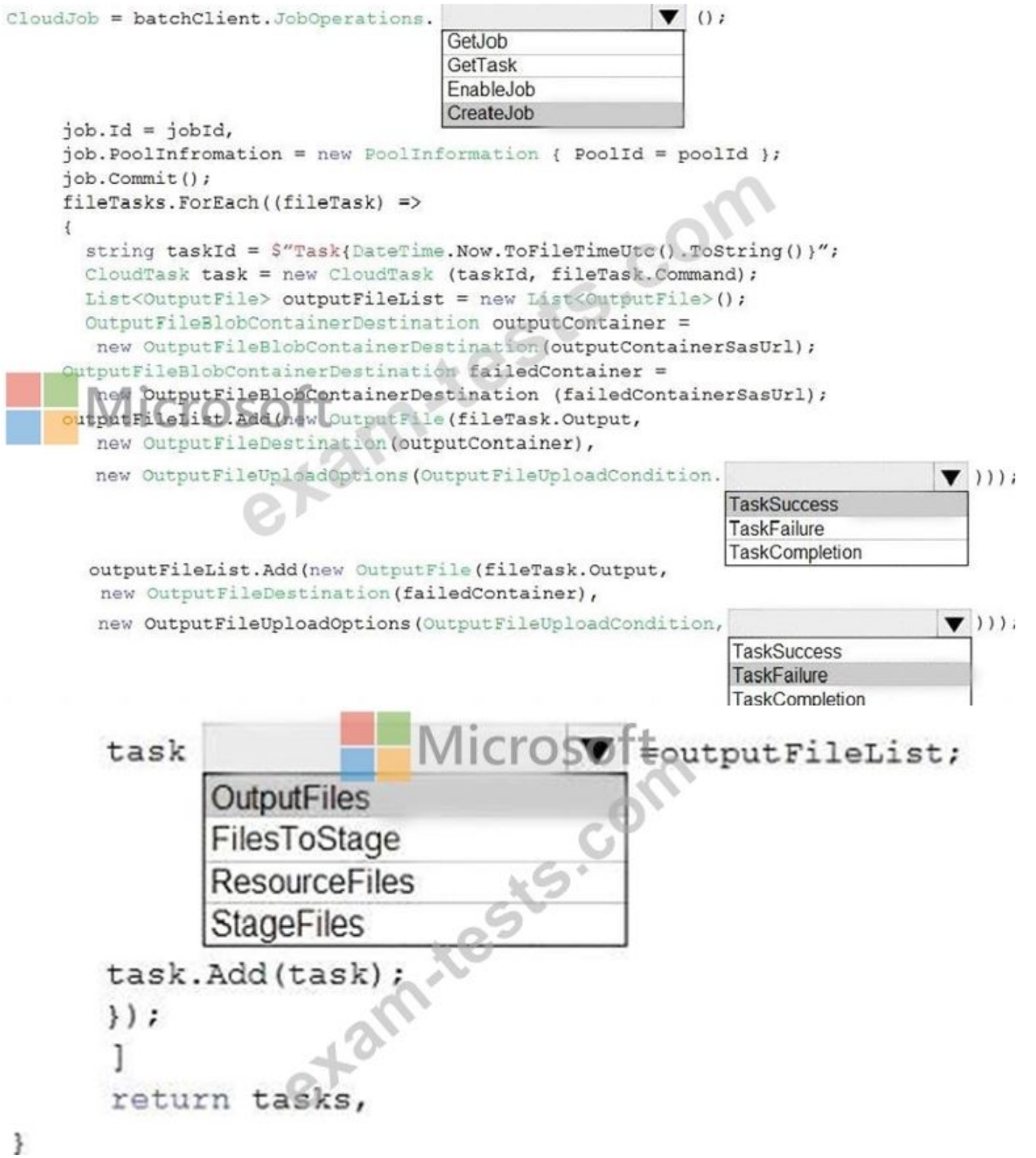
Microsoft

Explanation



Box 1: CreateJob

Box 2: TaskSuccess

TaskSuccess: Upload the file(s) only after the task process exits with an exit code of 0.

Incorrect: TaskCompletion: Upload the file(s) after the task process exits, no matter what the exit code was.

Box 3: TaskFailure

TaskFailure:Upload the file(s) only after the task process exits with a nonzero exit code.

Box 4: OutputFiles

To specify output files for a task, create a collection of OutputFile objects and assign it to the CloudTask.OutputFiles property when you create the task.
References:
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: 106
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 policies. Each section 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

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

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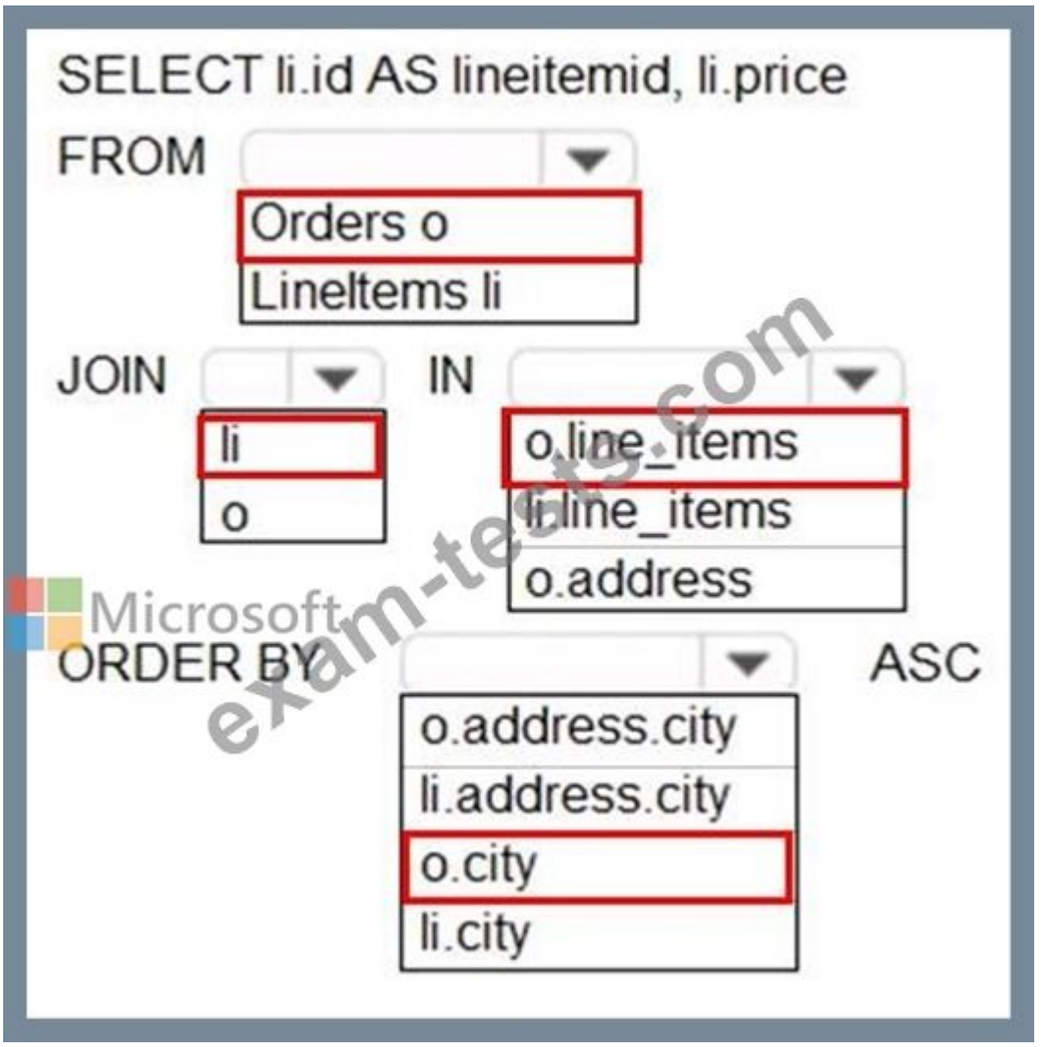
NEW QUESTION: 107
You are developing a web application that uses the Microsoft identity platform to authenticate users and resources, The web application calls several REST APIs.
The APIs require an access token from the Microsoft identity platform.
You need to request a token.
Which three properties should you use? Each correct answer presents part of the solution.
NOTE: Each correct selection is worth one point.
A. Application ID
B. Application name
C. Application secret
D. Supported account type
E. Redirect URI/URL
Answer: A,B,C (LEAVE A REPLY)

NEW QUESTION: 108
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: (SHOW ANSWER)
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.
References:
https://docs.microsoft.com/en-us/azure/azure-cache-for-redis/cache-aspnet-session-state-provider

NEW QUESTION: 109
You need to retrieve all order line items from Order.json and sort the data alphabetically by the city.
How should you complete the code? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

Answer:



NEW QUESTION: 110

You need to secure the Shipping Function app.

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

NOTE: Each correct selection is worth one point.

Setting	Value
Authorization level	Function Anonymous Admin
User claims	JSON Web Token (JWT) Shared Access Signature (SAS) token API Key
Trigger type	blob HTTP queue timer

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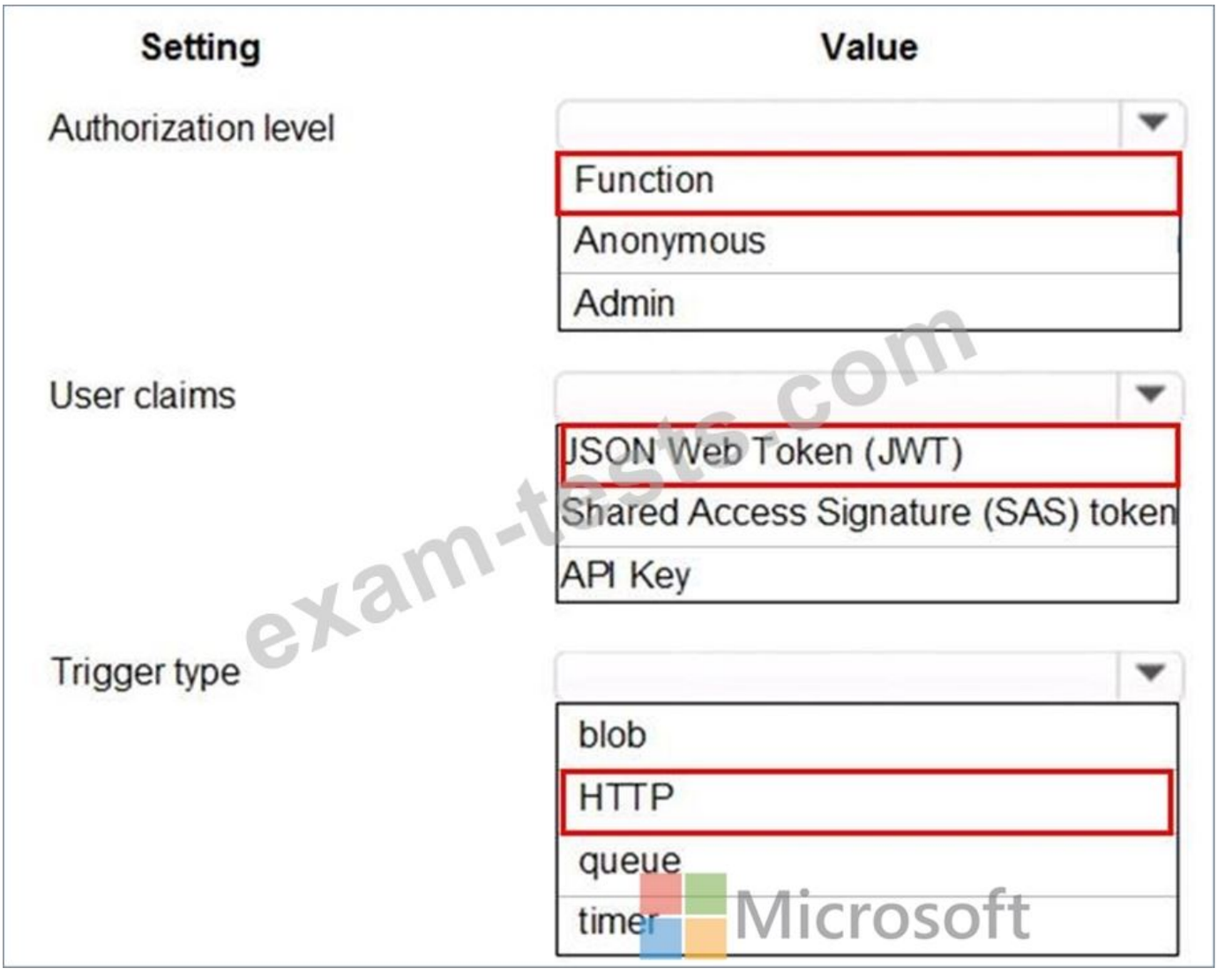
Answer:



Reference:
https://docs.microsoft.com/en-us/azure/active-directory/develop/authentication-scenarios

NEW QUESTION: 111
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: A (LEAVE A REPLY)
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 Monitor, troubleshoot, and optimize Azure solutions Testlet 3 Case study 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.
Background
You are a developer for Proseware, Inc. You are developing an application that applies a set of governance policies for Proseware's internal services, external services, and applications. The application will also provide a shared library for common functionality.
Requirements
Policy service
You develop and deploy a stateful ASP.NET Core 2.1 web application named Policy service to an Azure App Service Web App. The application reacts to events from Azure Event Grid and performs policy actions based on those events.
The application must include the Event Grid Event ID field in all Application Insights telemetry.
Policy service must use Application Insights to automatically scale with the number of policy actions that it is performing.
Policies
Log policy
All Azure App Service Web Apps must write logs to Azure Blob storage. All log files should be saved to a container named logdrop. Logs must remain in the container for 15 days.
Authentication events
Authentication events are used to monitor users signing in and signing out. All authentication

events must be processed by Policy service. Sign outs must be processed as quickly as possible.

PolicyLib

You have a shared library named PolicyLib that contains functionality common to all ASP.NET Core web services and applications. The PolicyLib library must:

* Exclude non-user actions from Application Insights telemetry.
* Provide methods that allow a web service to scale itself.
* Ensure that scaling actions do not disrupt application usage.

Other

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.

Health monitoring

All web applications and services have health monitoring at the /health service endpoint.

Issues

Policy loss

When you deploy Policy service, policies may not be applied if they were in the process of being applied during the deployment.

Performance issue

When under heavy load, the anomaly detection service undergoes slowdowns and rejects connections.

Notification latency

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

App code

EventGridController.cs

Relevant portions of the app files are shown below. Line numbers are included for reference only and include a two-character prefix that denotes the specific file to which they belong.

```
EventGridController.cs
EG01 public class EventGridController : Controller
EG02 {
EG03   public static AsyncLocal<string> EventId = new AsyncLocal<string>();
EG04   public IActionResult Process([fromBody] string eventsJson)
EG05   {
EG06     var events = JArray.Parse(eventsJson);
EG07
EG08     foreach (var @event in events)
EG09     {
EG10       EventId.Value = @event["id"].ToString();
EG11       if (@event["topic"].ToString().Contains("providers/Microsoft.Storage"))
EG12       {
EG13         SendToAnomalyDetectionService(@event["data"]["url"].ToString());
EG14       }
EG15
EG16       {
EG17         EnsureLogging(@event["subject"].ToString());
EG18       }
EG19     }
EG20     return null;
```

```
EG21    }
EG22    private void EnsureLogging(string resource)
EG23    {
EG24      . . .
EG25    }
EG26    private async Task SendToAnomalyDetectionService(string uri)
EG27    {
EG28      var content = GetLogData(uri);
EG29      var scoreRequest = new
EG30      {
EG31        Inputs = new Dictionary<string, List<Dictionary<string, string>>>()
EG32        {
EG33          {
EG34            "input1",
EG35            new List<Dictionary<string, string>>()
EG36            {
EG37              new Dictionary<string, string>()
EG38              {
EG39                {
EG40                  "logcontent", content
EG41                }
EG42              }
EG43            }
EG44          },
EG45        },
EG46        GlobalParameters = new Dictionary<string, string>() { }
EG47      };
EG48      var result = await (new HttpClient()).PostAsJsonAsync("...", scoreRequest);
EG49      var rawModelResult = await result.Content.ReadAsStringAsync();
EG50      var modelResult = JObject.Parse(rawModelResult);
EG51      if (modelResult["notify"].HasValues)
EG52      {
EG53        . . .
EG54      }
EG55    }
EG56    private (string name, string resourceGroup) ParseResourceId(string resourceId)
EG57    {
EG58      . . .
EG59    }
EG60    private string GetLogData(string uri)
EG61    {
EG62      . . .
EG63    }
EG64    static string BlobStoreAccountSAS(string containerName)
EG65    {
EG66      . . .
EG67    }
EG68 }
```

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Microsoft

LoginEvent.cs

Relevant portions of the app files are shown below. Line numbers are included for reference only and include a two-character prefix that denotes the specific file to which they belong.

```
LoginEvent.cs
LE01 public class LoginEvent
LE02 {
LE03
LE04   public string subject { get; set; }
LE05   public DateTime eventTime { get; set; }
LE06   public Dictionary<string, string> data { get; set; }
LE07   public string Serialize()
LE08   {
LE09     return JsonConvert.SerializeObject(this);
LE10   }
LE11 }
```

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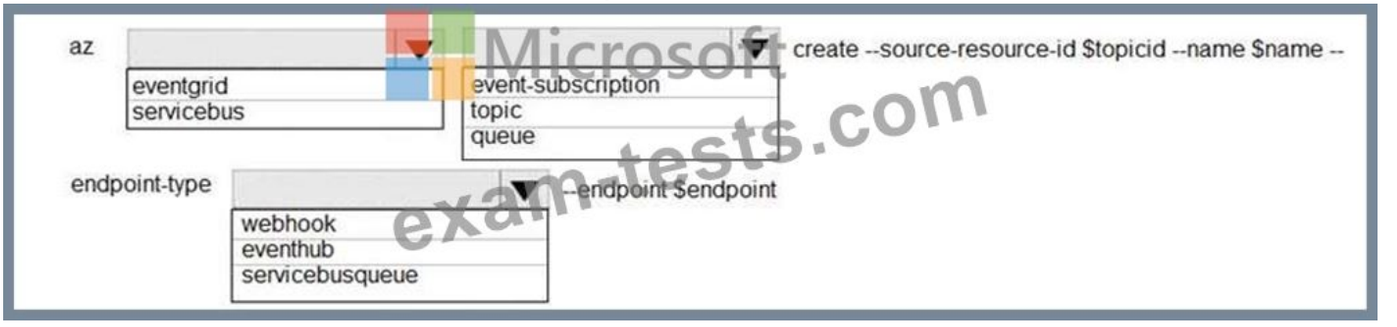
NEW QUESTION: 112

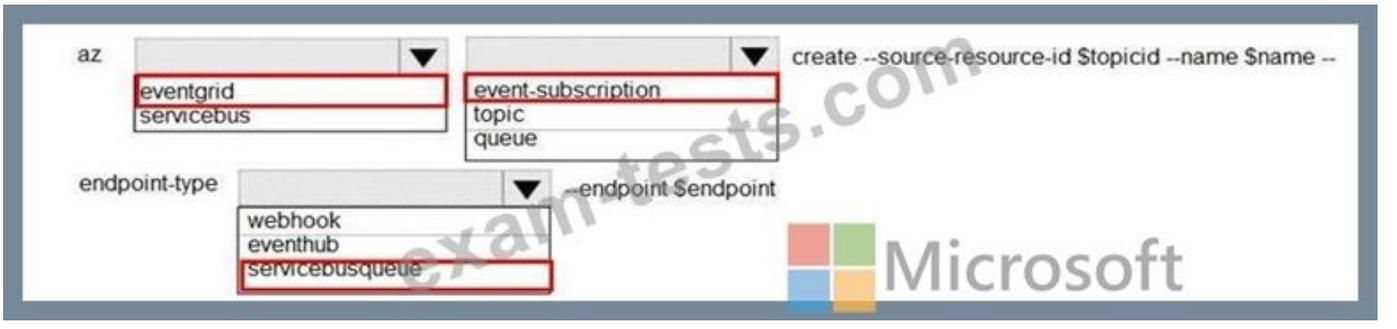
You need to configure the integration for Azure Service Bus and Azure Event Grid.

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

NOTE: Each correct selection is worth one point.



Answer:



Explanation:

Box 1: eventgrid

To create event subscription use: az eventgrid event-subscription create Box 2: event-subscription Box 3: servicebusqueue Scenario: Azure Service Bus and Azure Event Grid Azure Event Grid must use Azure Service Bus for queue-based load leveling.

Events in Azure Event Grid must be routed directly to Service Bus queues for use in buffering.

Events from Azure Service Bus and other Azure services must continue to be routed to Azure Event Grid for processing.

NEW QUESTION: 113

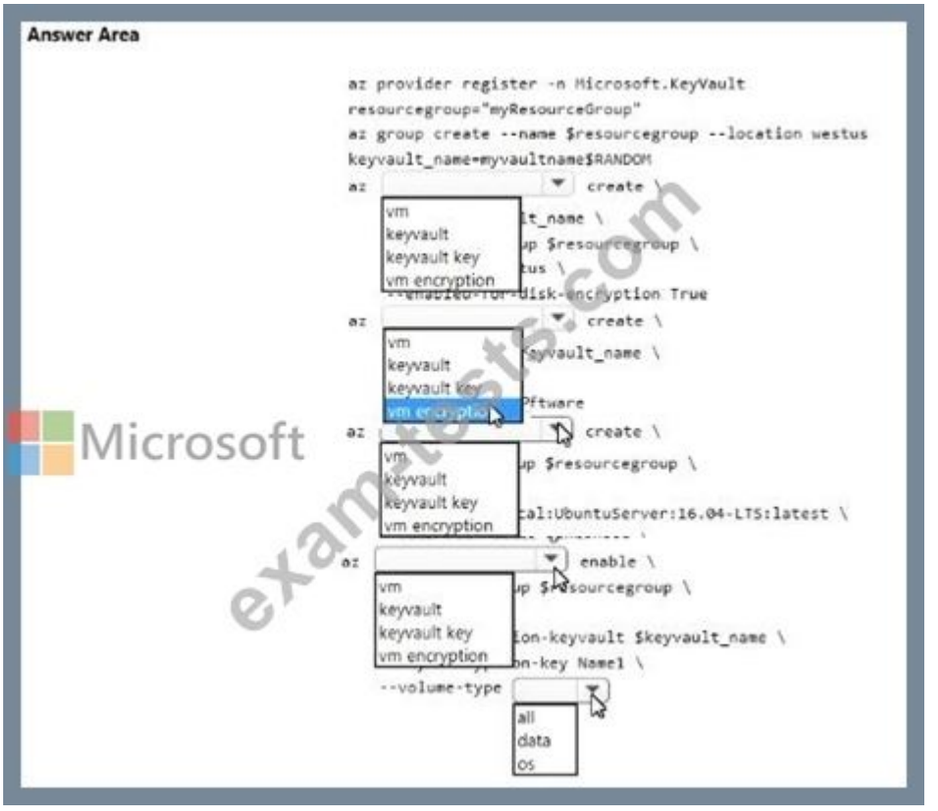
You plan to deploy a new application to a Linux virtual machine (VM) that is hosted in Azure.

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.

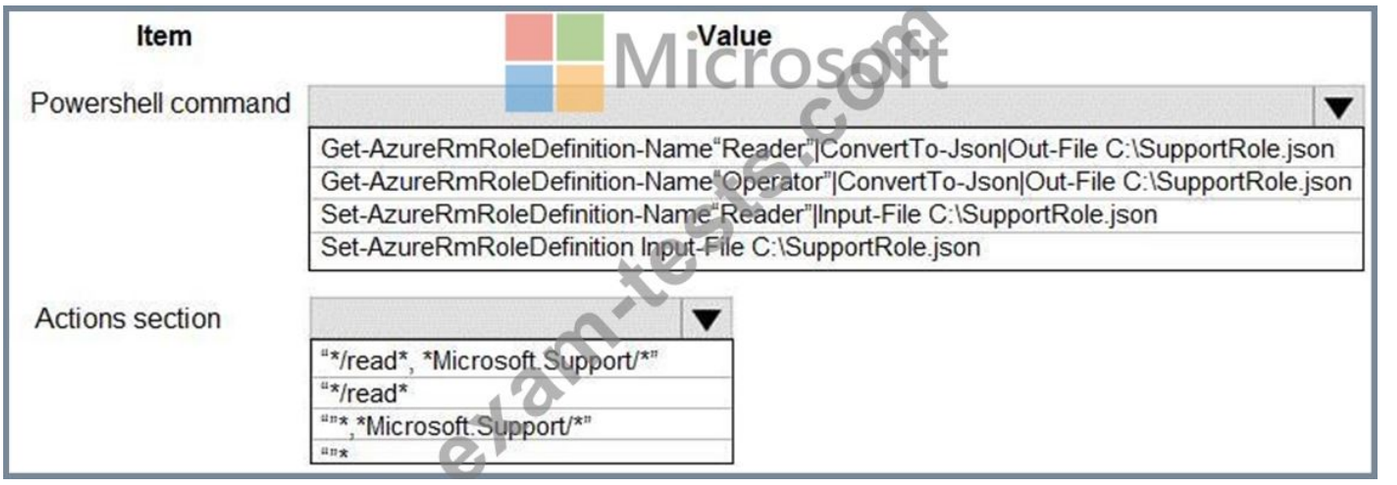
NOTE: Each correct selection is worth one point.



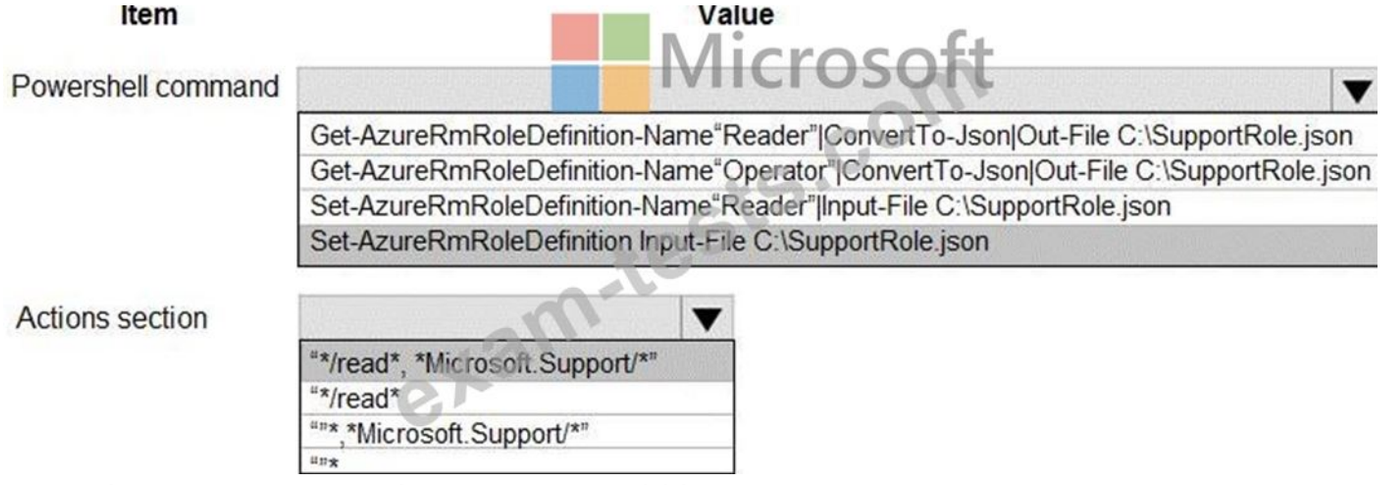
Answer:

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

NEW QUESTION: 114
Your company is migrating applications to Azure. The IT department must allow internal developers to communicate with Microsoft support.
The service agents of the IT department must only have view resources and create support ticket permissions to all subscriptions. A new custom role must be created by reusing a default role definition and changing the permissions.
You need to create the custom role.
To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.



Answer:



Box 1: Set-AzureRmRoleDefinition Input-File C:\SupportRole.json

The Set-AzureRmRoleDefinition cmdlet updates an existing custom role in Azure Role-Based Access Control.

Provide the updated role definition as an input to the command as a JSON file or a PSRoleDefinition object.

The role definition for the updated custom role MUST contain the Id and all other required properties of the role even if they are not updated: DisplayName, Description, Actions, AssignableScope Box 2: "*/read*."* Microsoft.Support/*" Microsoft.Support/* Create and manage support tickets

"Microsoft.Support" role definition azure

NEW QUESTION: 115

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; }
```

[IsFiltrable, IsSortable, IsSearchable]
[IsFilterable, IsSortable, IsFacetable]
[IsFiltrable, IsSortable, Key]
[IsFilteranle, IsSortable, IsSearchable, Required]

```
public double Rating { get; set; }
```

[IsSearchable, IsFilterable, IsFacetable]
[IsFilterbale, 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:

```
[SerializePropertyNameAsCamelCase]
 public class Restaurant
 {
  [Key, IsFilterable]
```

```
public int RestaurantId { get; set; }
[IsSearchable, IsFilterable, IsSortable]
public string Name { get; set; }
```

Microsoft

▼
- [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; }
```

▼
- [IsFiltrable, IsSortable, IsSearchable]
- [IsFilterable, IsSortable, IsFacetable]
- [IsFiltrable, IsSortable, Key]
- [IsFilterable, IsSortable, IsSearchable, Required]

```
public double Rating { get; set; }
```

▼
- [IsSearchable, IsFilterable, IsFacetable]
- [IsFilterbale, IsSortable, Key]
- [IsFilterable, IsSortable, IsSearchable]
- [IsFilterable, IsSortable, Key, Required]

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

▼
- [IsFilterable, IsSortable, Key, Required]

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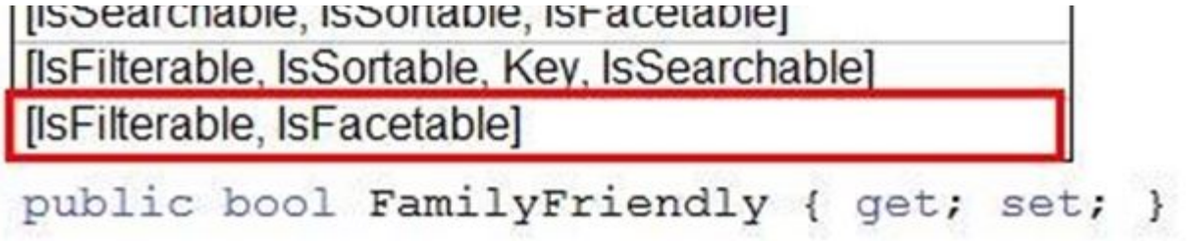
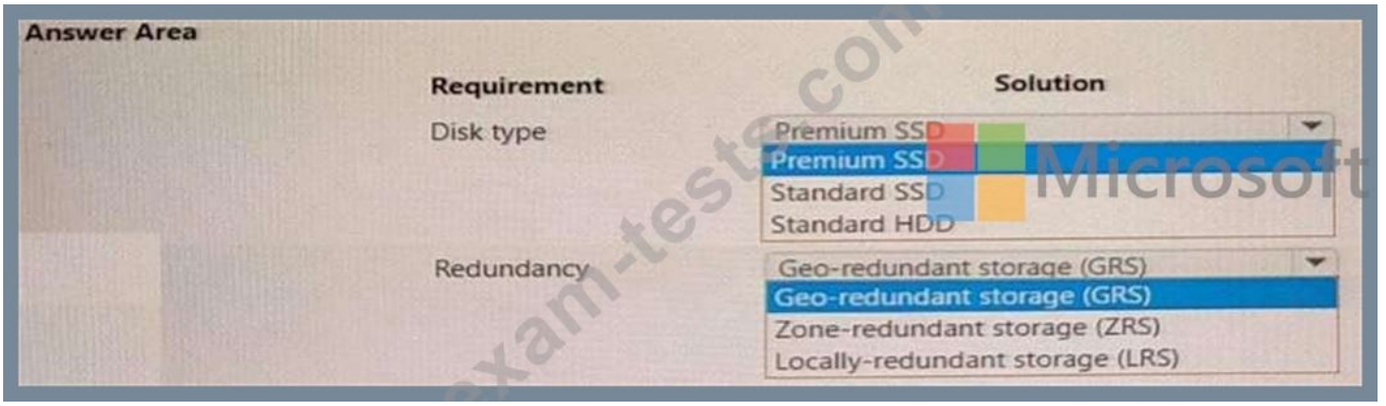
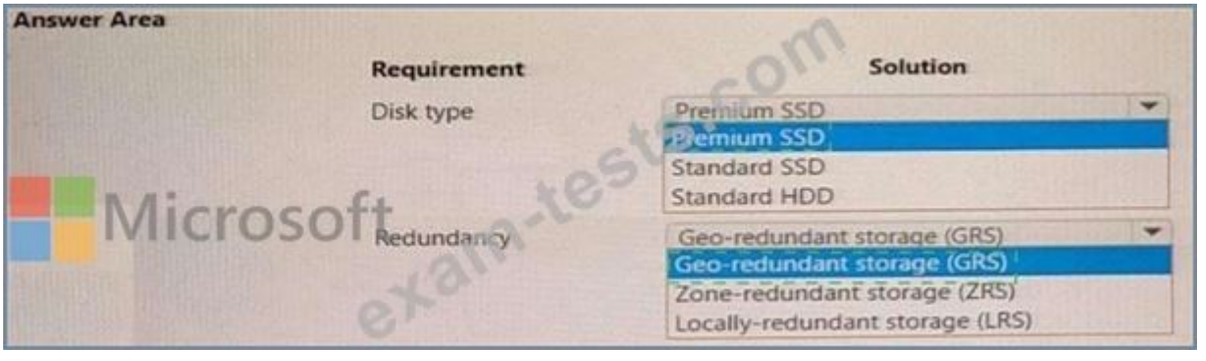


Reference:
https://www.henkboelman.com/azure-search-the-basics/

NEW QUESTION: 116
You are building a software-as-a-service (SaaS) application that analyzes DNA data that will run on Azure virtual machines (VMs) in an availability zone. The data is stored on managed disks attached to the VM. The performance of the analysis is determined by the speed of the disk attached to the VM.
You have the following requirements:
* The application must be able to quickly revert to the previous day's data if a systemic error is detected.
* The application must minimize downtime in the case of an Azure datacenter outage.
You need to provision the managed disk for the VM to maximize performance while meeting the requirements. Which type of Azure Managed Disk should you use? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.



Answer:



Explanation
D:\mudassar\Untitled.jpg

NEW QUESTION: 117

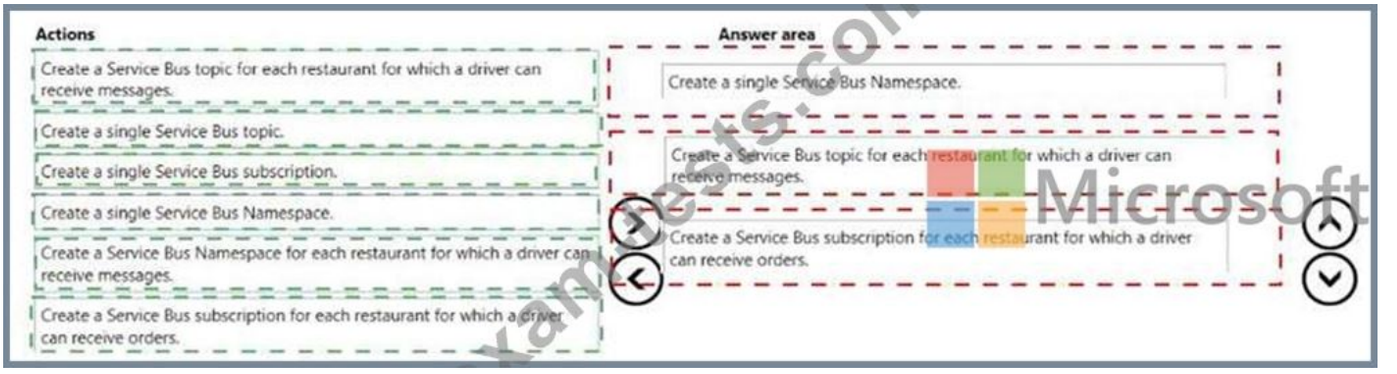
You develop software solutions for a mobile delivery service. You are developing a mobile app that users can use to order from a restaurant in their area. The app uses the following workflow:

1. A driver selects the restaurants for which they will deliver orders.
2. Orders are sent to all available drivers in an area.
3. Only orders for the selected restaurants will appear for the driver.
4. The first driver to accept an order removes it from the list of available orders.

You need to implement an Azure Service Bus solution.

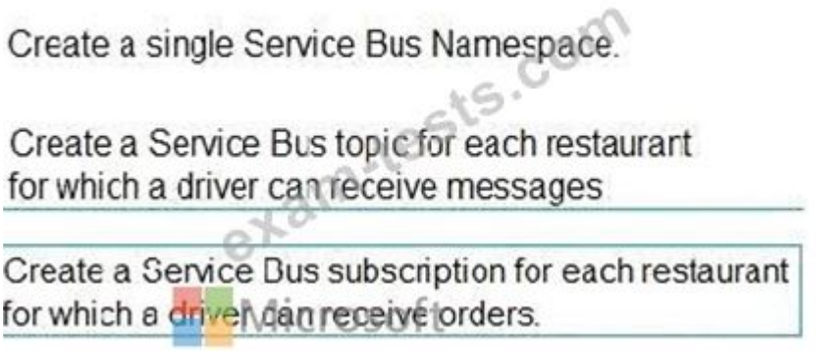
Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Answer:



Explanation

Answer area



Box 1: Create a single Service Bus Namespace

To begin using Service Bus messaging entities in Azure, you must first create a namespace with a name that is unique across Azure. A namespace provides a scoping container for addressing Service Bus resources within your application.

Box 2: Create a Service Bus Topic for each restaurant for which a driver can receive messages. Create topics.

Box 3: Create a Service Bus subscription for each restaurant for which a driver can receive orders.

Topics can have multiple, independent subscriptions.

References:

https://docs.microsoft.com/en-us/azure/service-bus-messaging/service-bus-messaging-overview

NEW QUESTION: 118

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: Configure the app to use an App Service hosting plan and enable the Always On setting.

Does the solution meet the goal?

A. Yes

B. No

Answer: B (LEAVE A REPLY)

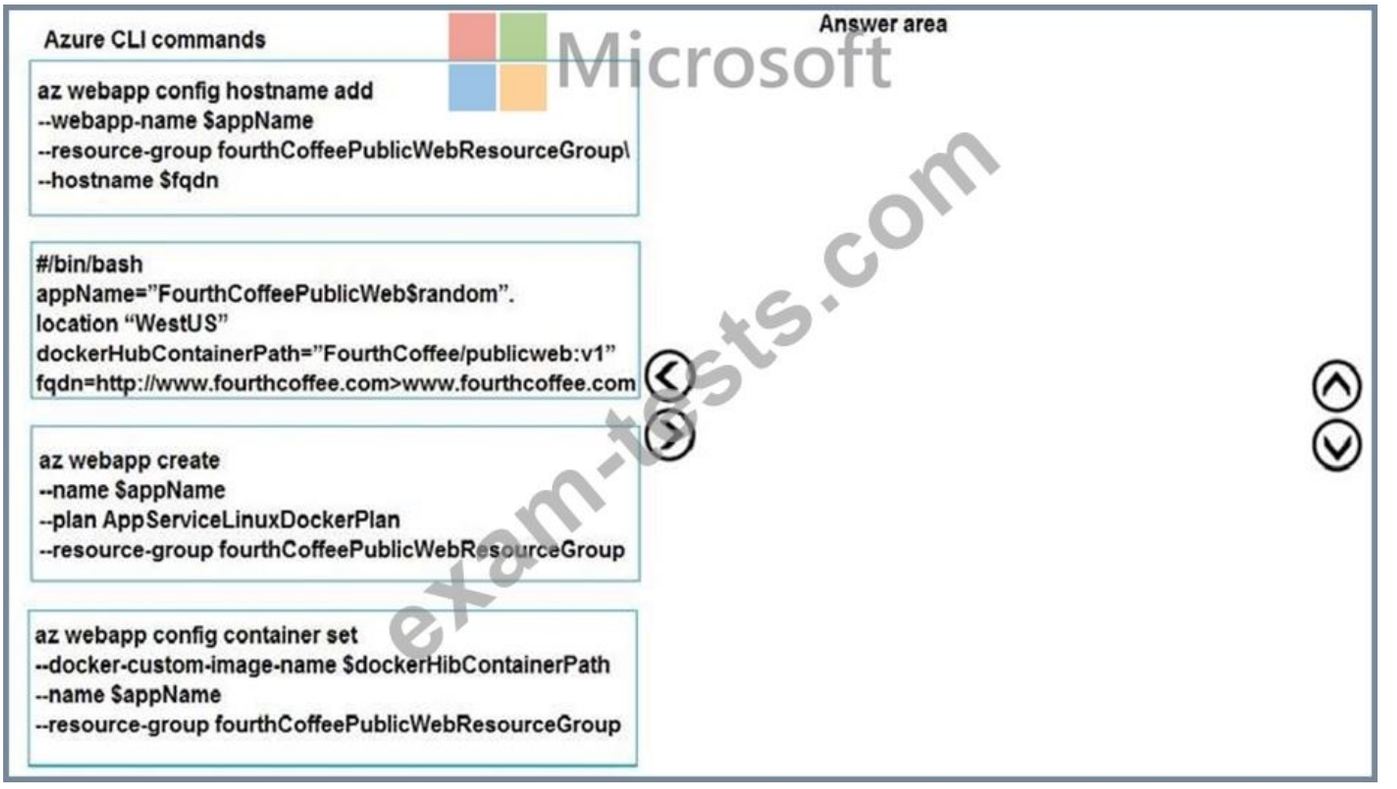
Explanation

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

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

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

NEW QUESTION: 119
Fourth Coffee has an ASP.NET Core web app that runs in Docker. The app is mapped to the www.fourthcoffee.com domain.
Fourth Coffee is migrating this application to Azure.
You need to provision an App Service Web App to host this docker image and map the custom domain to the App Service web app.
A resource group named FourthCoffeePublicWebResourceGroup has been created in the WestUS region that contains an App Service Plan named AppServiceLinuxDockerPlan.
Which order should the CLI commands be used to develop the solution? To answer, move all of the Azure CLI command from the list of commands to the answer area and arrange them in the correct order.



Answer:

Answer Area

#bin/bash....
az webapp config hostname add
az webapp create.....
az webapp config container set

1 - #bin/bash....

2 - az webapp config hostname add

3 - az webapp create.....

4 - az webapp config container set

Reference:

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

NEW QUESTION: 120

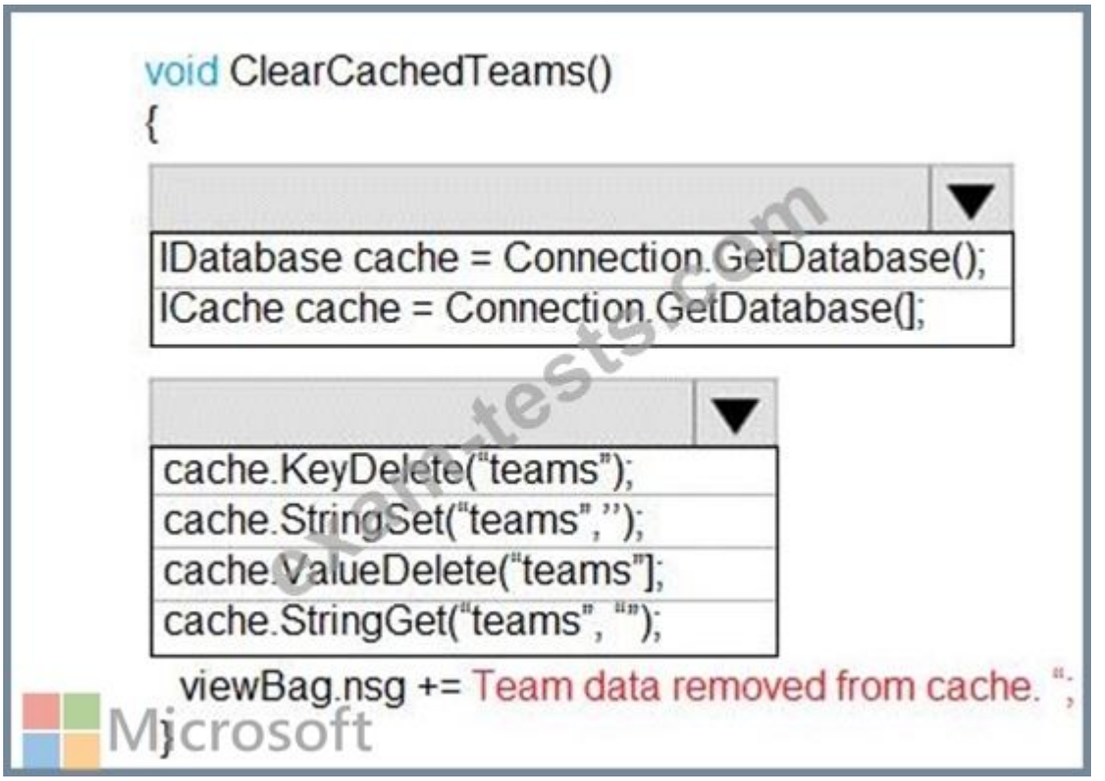
A company is developing a gaming platform. Users can join teams to play online and see leaderboards that include player statistics. The solution includes an entity named Team.

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.



Answer:

Explanation:

Box 1: IDatabase cache = connection.GetDatabase();

Connection refers to a previously configured ConnectionMultiplexer.

Box 2: cache.StringSet("teams","")

To specify the expiration of an item in the cache, use the TimeSpan parameter of StringSet.

cache.StringSet("key1", "value1", TimeSpan.FromMinutes(90));

References:

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

NEW QUESTION: 121

You need to authenticate the user to the corporate website as indicated by the architectural diagram.

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

NOTE: Each correct selection is worth one point.

A. ID token signature

B. ID token claims

C. HTTP response code

D. Azure AD endpoint URI

E. Azure AD tenant ID

Answer: A,D (LEAVE A REPLY)

A: Claims in access tokens

JWTs (JSON Web Tokens) are split into three pieces:

* Header - Provides information about how to validate the token including information about the type of token and how it was signed.

* Payload - Contains all of the important data about the user or app that is attempting to call your service.

* Signature - Is the raw material used to validate the token.

E: Your client can get an access token from either the v1.0 endpoint or the v2.0 endpoint using a variety of protocols.

Scenario: User authentication (see step 5 below)

The following steps detail the user authentication process:

1. The user selects Sign in in the website.
2. The browser redirects the user to the Azure Active Directory (Azure AD) sign in page.
3. The user signs in.
4. Azure AD redirects the user's session back to the web application. The URL includes an access token.
5. The web application calls an API and includes the access token in the authentication header. The application ID is sent as the audience ('aud') claim in the access token.
6. The back-end API validates the access token.
Reference:
https://docs.microsoft.com/en-us/azure/api-management/api-management-access-restriction-policies Implement Azure security Testlet 3 Case study 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.
Background
You are a developer for Litware Inc., a SaaS company that provides a solution for managing employee expenses. The solution consists of an ASP.NET Core Web API project that is deployed as an Azure Web App.
Overall architecture
Employees upload receipts for the system to process. When processing is complete, the employee receives a summary report email that details the processing results. Employees then use a web application to manage their receipts and perform any additional tasks needed for reimbursement.
Receipt processing
Employees may upload receipts in two ways:
* Uploading using an Azure Files mounted folder
* Uploading using the web application

Data Storage

Receipt and employee information is stored in an Azure SQL database.

Documentation

Employees are provided with a getting started document when they first use the solution. The documentation includes details on supported operating systems for Azure File upload, and instructions on how to configure the mounted folder.

Solution details

Users table

Column	Description
UserId	unique identifier for and employee
ExpenseAccount	employees expense account number in the format 1234-123-1234
AllowedAmount	limit of allowed expenses before approval is needed
SupervisorId	unique identifier for employee's supervisor
SecurityPin	value used to validate user identity

Web Application

You enable MSI for the Web App and configure the Web App to use the security principal name WebAppIdentity.

Processing

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.

Logging

Azure Application Insights is used for telemetry and logging in both the processor and the web application. The processor also has TraceWriter logging enabled. Application Insights must always contain all log messages.

Requirements

Receipt processing

Concurrent processing of a receipt must be prevented.

Disaster recovery

Regional outage must not impact application availability. All DR operations must not be dependent on application running and must ensure that data in the DR region is up to date.

Security

* User's SecurityPin must be stored in such a way that access to the database does not allow the viewing of SecurityPins. The web application is the only system that should have access to SecurityPins.
* 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.
* All access to Azure Storage and Azure SQL database must use the application's Managed Service Identity (MSI).
* Receipt data must always be encrypted at rest.

* All data must be protected in transit.
* User's expense account number must be visible only to logged in users. All other views of the expense account number should include only the last segment, with the remaining parts obscured.
* In the case of a security breach, access to all summary reports must be revoked without impacting other parts of the system.

Issues

Upload format issue

Employees occasionally report an issue with uploading a receipt using the web application. They report that when they upload a receipt using the Azure File Share, the receipt does not appear in their profile. When this occurs, they delete the file in the file share and use the web application, which returns a 500 Internal Server error page.

Capacity issue

During busy periods, employees report long delays between the time they upload the receipt and when it appears in the web application.

Log capacity issue

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

Application code

Processing.cs

```
PC01 public static class Processing
PC02 {
PC03   public static class Function
PC04   {
PC05     [FunctionName("IssueWork")]
PC06     public static async Task Run([TimerTrigger("0 */5 * * * *")] TimerInfo timer, ILogger
log)
PC07     {
PC08       var container = await GetCloudBlobContainer();
PC09       foreach (var fileItem in await ListFiles())
PC10       {
PC11         var file = new CloudFile(fileItem.StorageUri.PrimaryUri);
PC12         var ms = new MemoryStream();
PC13         await file.DownloadToStreamAsync(ms);
PC14         var blob = container.GetBlockBlobReference(fileItem.Uri.ToString());
PC15         await blob.UploadFromStreamAsync(ms);
PC16
PC17       }
PC18     }
PC19     private static CloudBlockBlob GetDRBlob(CloudBlockBlob sourceBlob)
PC20     {
PC21        . . .
PC22     }
PC23     private static async Task<CloudBlobContainer> GetCloudBlobContainer()
PC24     {
PC25       var cloudBlobClient = new CloudBlobClient(new Uri(". . ."), await GetCredentials());
PC26
PC27       await cloudBlobClient.GetRootContainerReference().CreateIfNotExistsAsync();
PC28       return cloudBlobClient.GetRootContainerReference();
PC29     }
PC30     private static async Task<StorageCredentials> GetCredentials()
PC31     {
PC32        . . .
PC33     }
PC34     private static async Task<List<IListFileItem>> ListFiles()
PC35     {
PC36        . . .
PC37     }
PC37     private KeyVaultClient _keyVaultClient = new KeyVaultClient(". . .");
PC38   }

PC39 }
```

Database.cs

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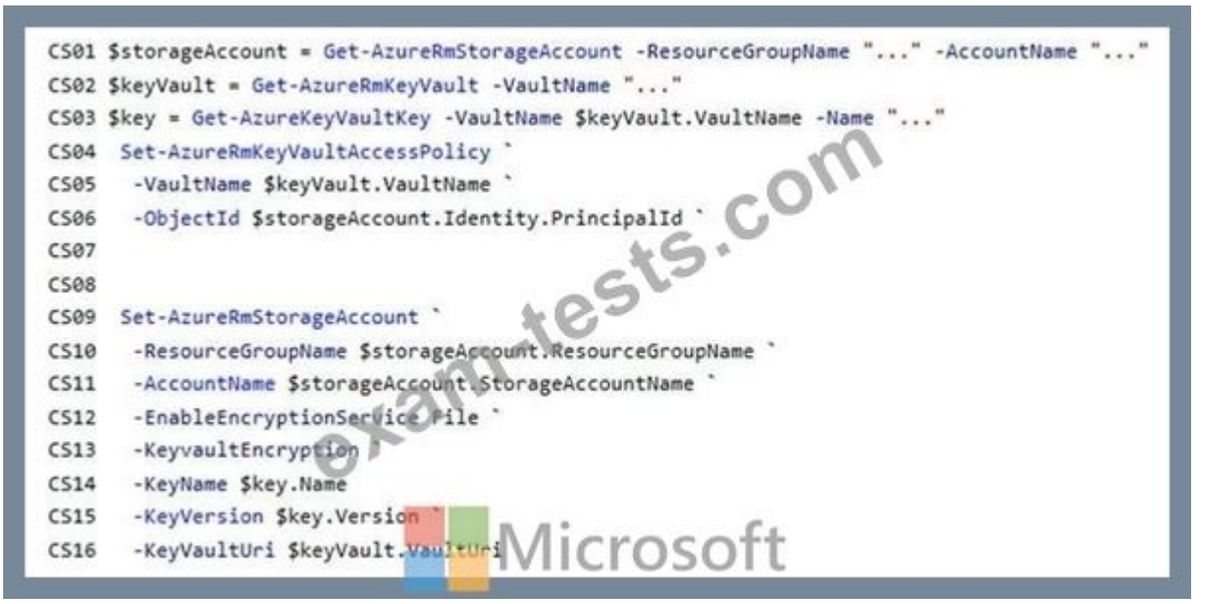
```
DB01 public class Database
DB02 {
DB03   private string ConnectionString =
DB04
DB05   public async Task<object> LoadUserDetails(string userId)
DB06   {
DB07
DB08     return await policy.ExecuteAsync(async () =>
DB09     {
DB10       using (var connection = new SqlConnection(ConnectionString))
DB11       {
DB12         await connection.OpenAsync();
DB13         using (var command = new SqlCommand("…", connection))
DB14         using (var reader = command.ExecuteReader())
DB15         {
DB16           …
DB17         }
DB18       }
DB19     });
DB20   }

DB21 }
```

ReceiptUploader.cs

```
RU01 public class ReceiptUploader
RU02 {
RU03   public async Task UploadFile(string file, byte[] binary)
RU04   {
RU05     var httpClient = new HttpClient();
RU06     var response = await httpClient.PutAsync("…", new ByteArrayContent(binary));
RU07     while (ShouldRetry(response))
RU08     {
RU09       response = await httpClient.PutAsync("…", new ByteArrayContent(binary));
RU10     }
RU11   }
RU12   private bool ShouldRetry(HttpResponseMessage response)
RU13   {
RU14
RU15   }
RU16 }
```

ConfigureSSE.ps1



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NEW QUESTION: 122

You are debugging an application that is running on Azure Kubernetes cluster named cluster1.

The cluster uses Azure Monitor for containers to monitor the cluster.

The application has sticky sessions enabled on the ingress controller.

Some customers report a large number of errors in the application over the last 24 hours.

You need to determine on which virtual machines (VMs) the errors are occurring.

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

NOTE: Each correct selection is worth one point.

```
let startTimestamp = [ago(1d) | since(1d) | totimespan(1d) | date(now() - 1d)]
let ContainerIDs = KubePodInventory
| where ClusterName == "Cluster1"
| [top ContainerID | union ContainerID | sample ContainerID | distinct ContainerID] ;
ContainerLog
| [fork containerIDs | where ContainerID in (ContainerIDs) | restrict ContainerID in (ContainerIDs) | join ContainerID = = ContainerIDs.ContainerID]
| where TimeGenerated > startTimestamp
| where LogEntrySource = = "stderr"
| [project by Computer | summarize by Computer | partition count() by Computer | summarize count() by Computer]
```

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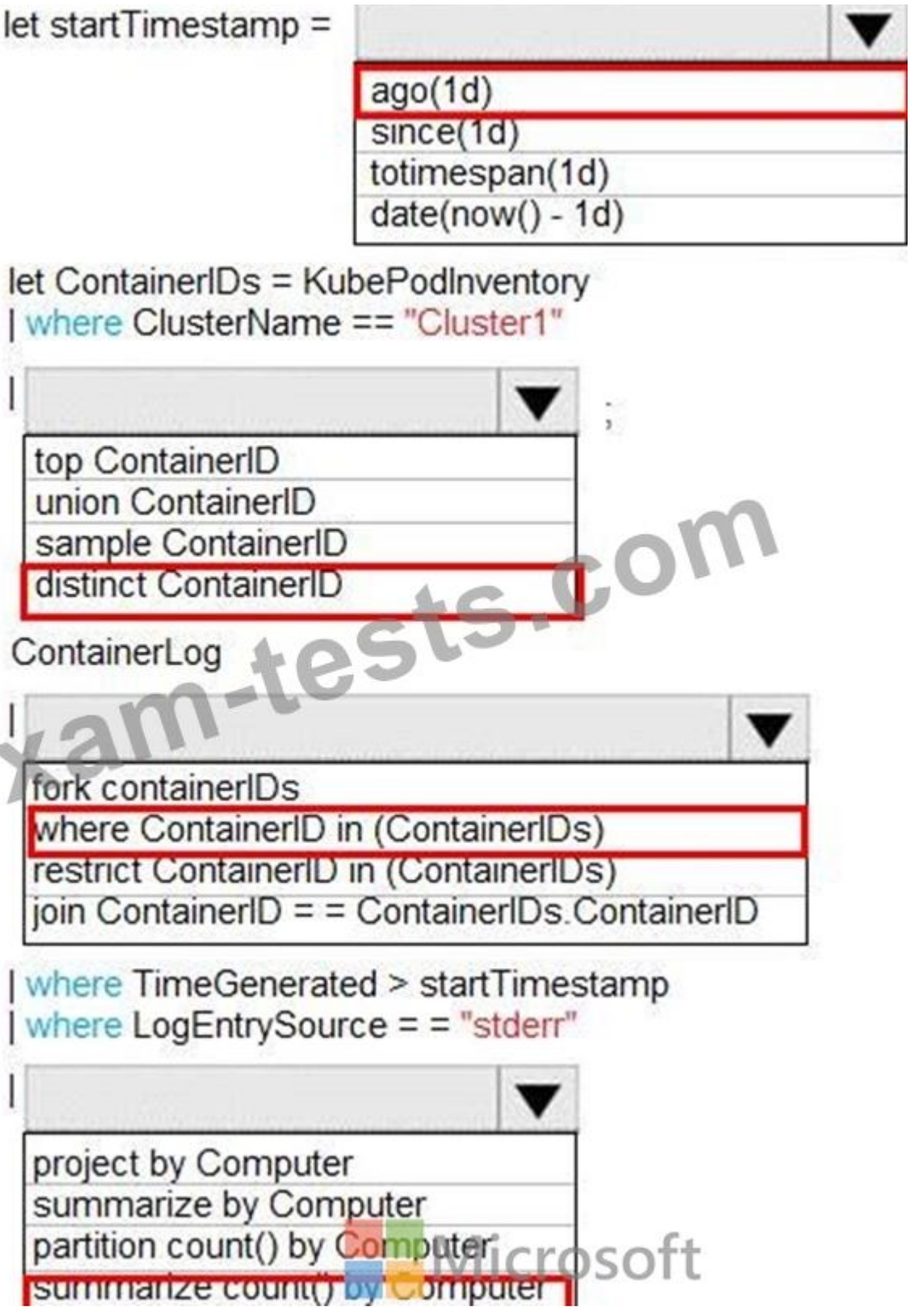
Answer:



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Reference:
https://docs.microsoft.com/en-us/azure/azure-monitor/log-query/get-started-queries
https://docs.microsoft.com/en-us/azure/azure-monitor/log-query/query-optimization

NEW QUESTION: 123
You are developing a web application by using the Azure SDK. The web application accesses data m a zone-redundant BlockBlobStorage storage account The application must determine

whether the data has changed since the application last reao the data. Update operations must use the latest data changes when writing data to the storages.....

You need to implement the update operations.

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

NOTE Each correct selection is worth one point.

Answer:

NEW QUESTION: 124

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:

Explanation:

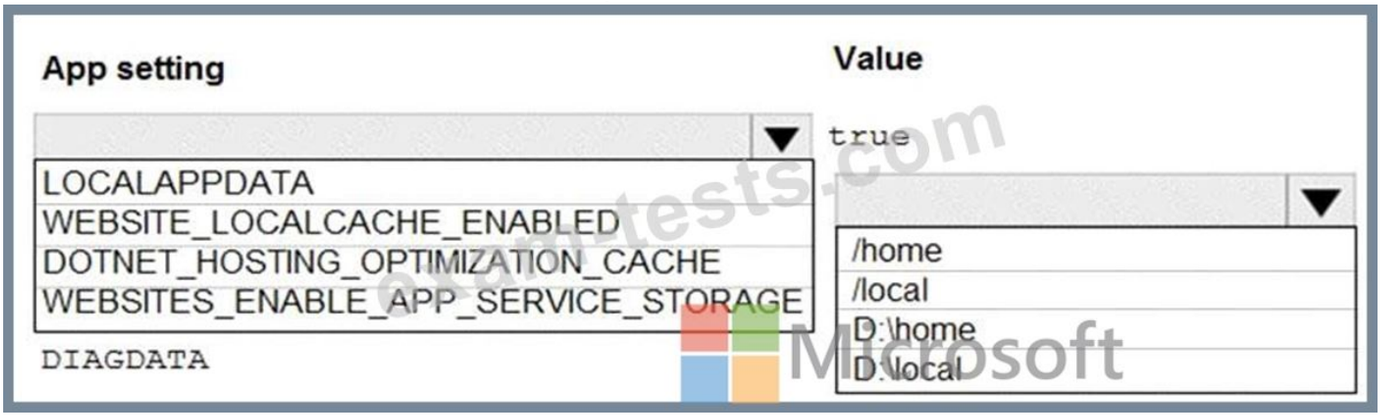
Box 1: QueryType

The SearchParameters.QueryType Property gets or sets a value that specifies the syntax of the search query. The default is 'simple'. Use 'full' if your query uses the Lucene query syntax.
You can write queries against Azure Search based on the rich Lucene Query Parser syntax for specialized query forms: wildcard, fuzzy search, proximity search, regular expressions are a few examples.
Box 2: Facets
The facets property gets or sets the list of facet expressions to apply to the search query. Each facet expression contains a field name, optionally followed by a comma-separated list of name:value pairs.
Box 3: Filter
The Filter property gets or sets the OData $filter expression to apply to the search query.
References:
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

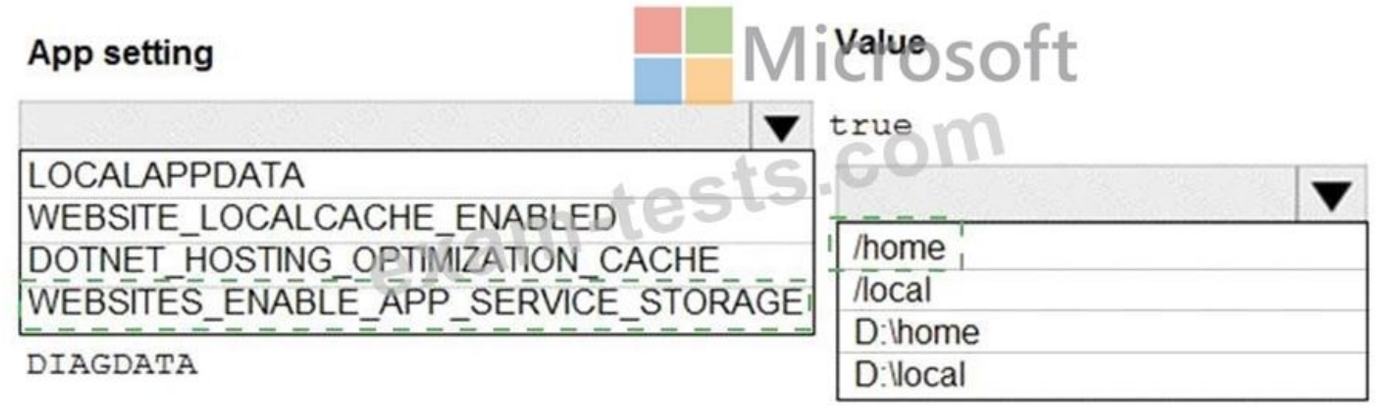
NEW QUESTION: 125
You are developing an ASP.NET Core web application. You plan to deploy the application to Azure Web App for Containers.
The application needs to store runtime diagnostic data that must be persisted across application restarts. You have the following code:

```
public void SaveDiagData(string data)
{
    var path = Environment.GetEnvironmentVariable("DIAGDATA")
    File.WriteAllText(Path.Combine(path, "data"), data);
}
```

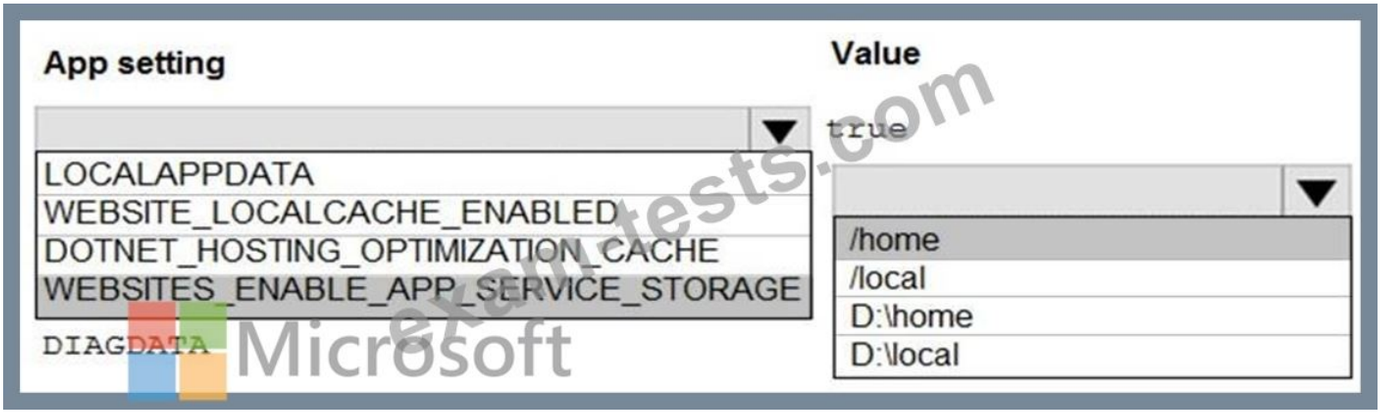
You need to configure the application settings so that diagnostic data is stored as required.
How should you configure the web app's settings? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.



Answer:



Explanation



Box 1: If WEBSITES_ENABLE_APP_SERVICE_STORAGE

If WEBSITES_ENABLE_APP_SERVICE_STORAGE setting is unspecified or set to true, the /home/ directory will be shared across scale instances, and files written will persist across restarts Box 2: /home Reference:

https://docs.microsoft.com/en-us/azure/app-service/containers/app-service-linux-faq

NEW QUESTION: 126

Hotspot Question

You are creating a CLI script that creates an Azure web app and related services in Azure App Service. The web app uses the following variables:

Variable name	Value
$gitrepo	https://github.com/Contos/webapp
$webappname	Webapp1103

You need to automatically deploy code from Git-Hub to the newly created web app.

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

```
az group create - -location westeurope - -name myResourceGroup
```

[▼] `--name $webappname - -resource-group myResourceGroup - -sku FREE`

- az webapp create
- az appservice plan create
- az webapp deployment
- az group delete

[▼] `--name $webappname - -resource-group myResourceGroup`

- az webapp create
- az appservice plan create
- az webapp deployment
- az group delete

[▼]

- --repo-url $gitrepo - -branch master - -manual-integration
- git clone $gitrepo
- --plan $webappname

[▼] `source config --name $webappname`

- az webapp create
- az appservice plan create
- az webapp deployment
- az group delete

`--resource-group myResourceGroup` [▼]

- --repo-url $gitrepo - -branch master - -manual-integration
- git clone $gitrepo
- --plan $webappname

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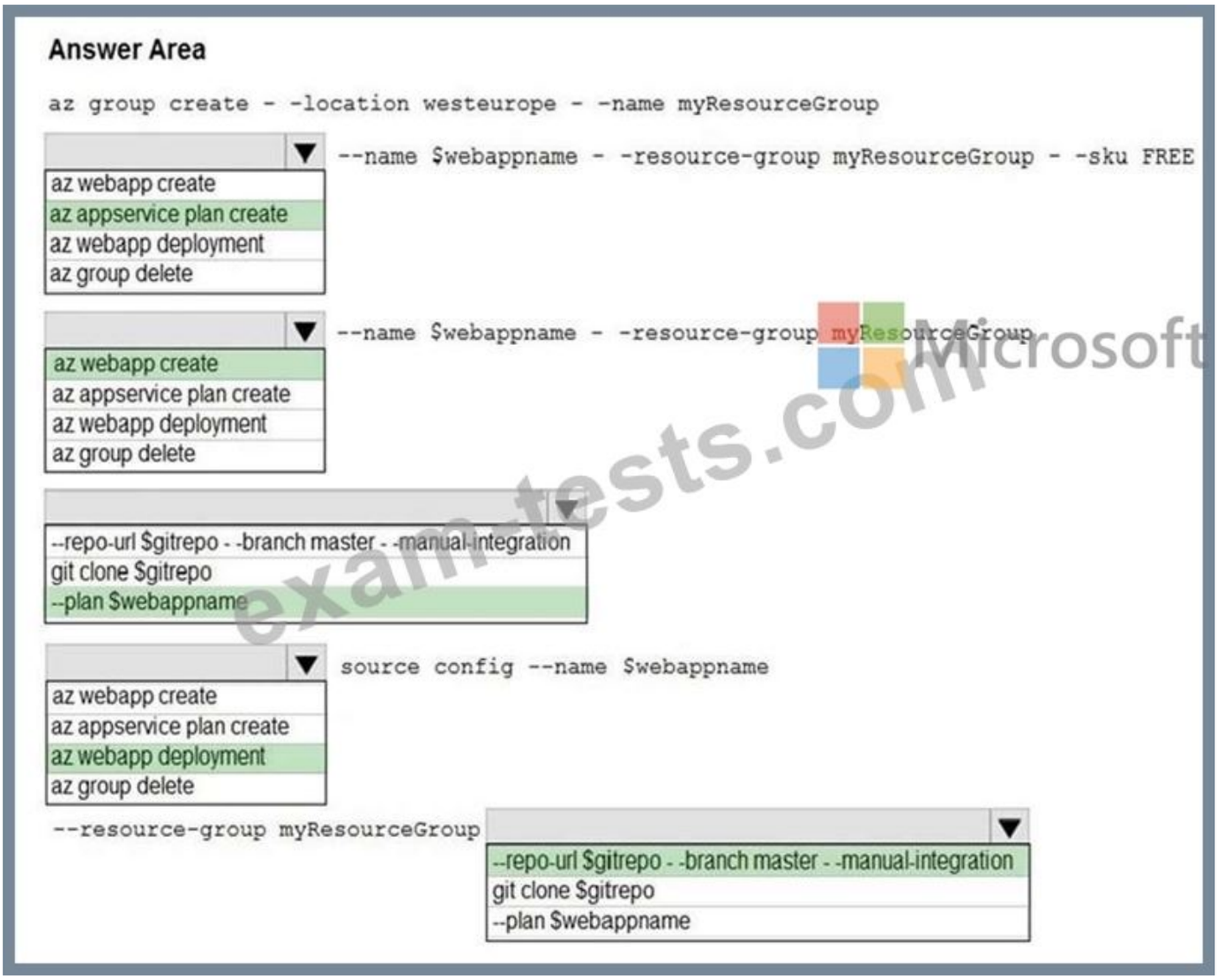
Answer:



Explanation:

Box 1: az appservice plan create

The azure group creates command successfully returns JSON result. Now we can use resource group to create a azure app service plan Box 2: az webapp create Create a new web app..

Box 3: --plan $webappname

..with the serviceplan we created in step 1.

Box 4: az webapp deployment

Continuous Delivery with GitHub. Example:

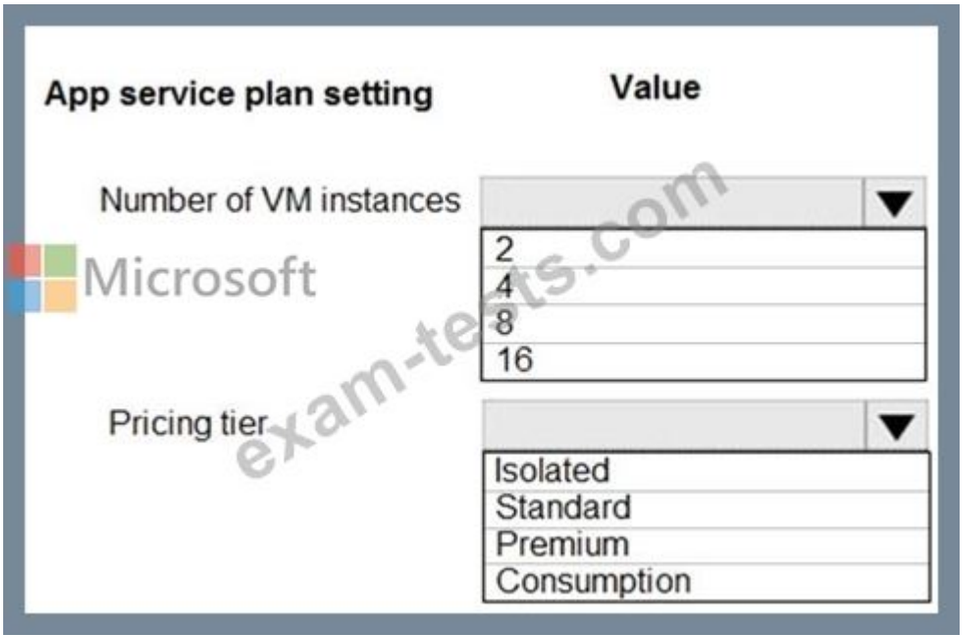
az webapp deployment source config --name firstsamplewebsite1 --resource-group websites--repo-url $gitrepo --branch master --git-token $token Box 5: --repo-url $gitrepo --branch master --manual-integration Reference:

https://medium.com/@satish1v/devops-your-way-to-azure-web-apps-with-azure-cli-206ed4b3e9b1

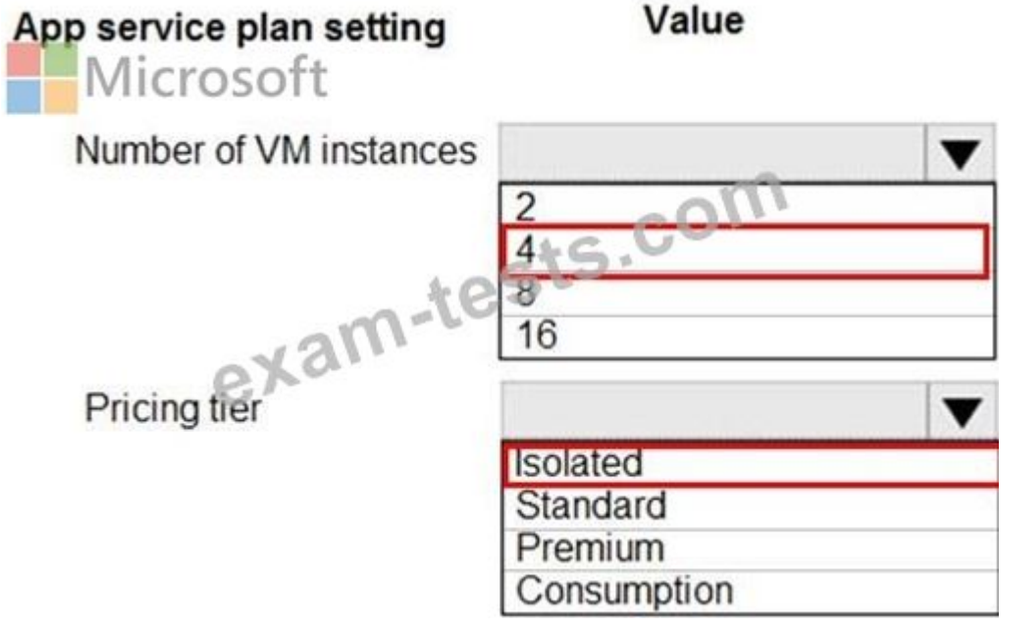
NEW QUESTION: 127

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.



Answer:



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

NEW QUESTION: 128

You develop a news and blog content 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
NotificationHubClientSettings
NotificationHubJob
NotificationDetails

GetInstallation
CreateClientFromConnectionString
CreateOrUpdateInstallation
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)
{
 ...
}
...
```

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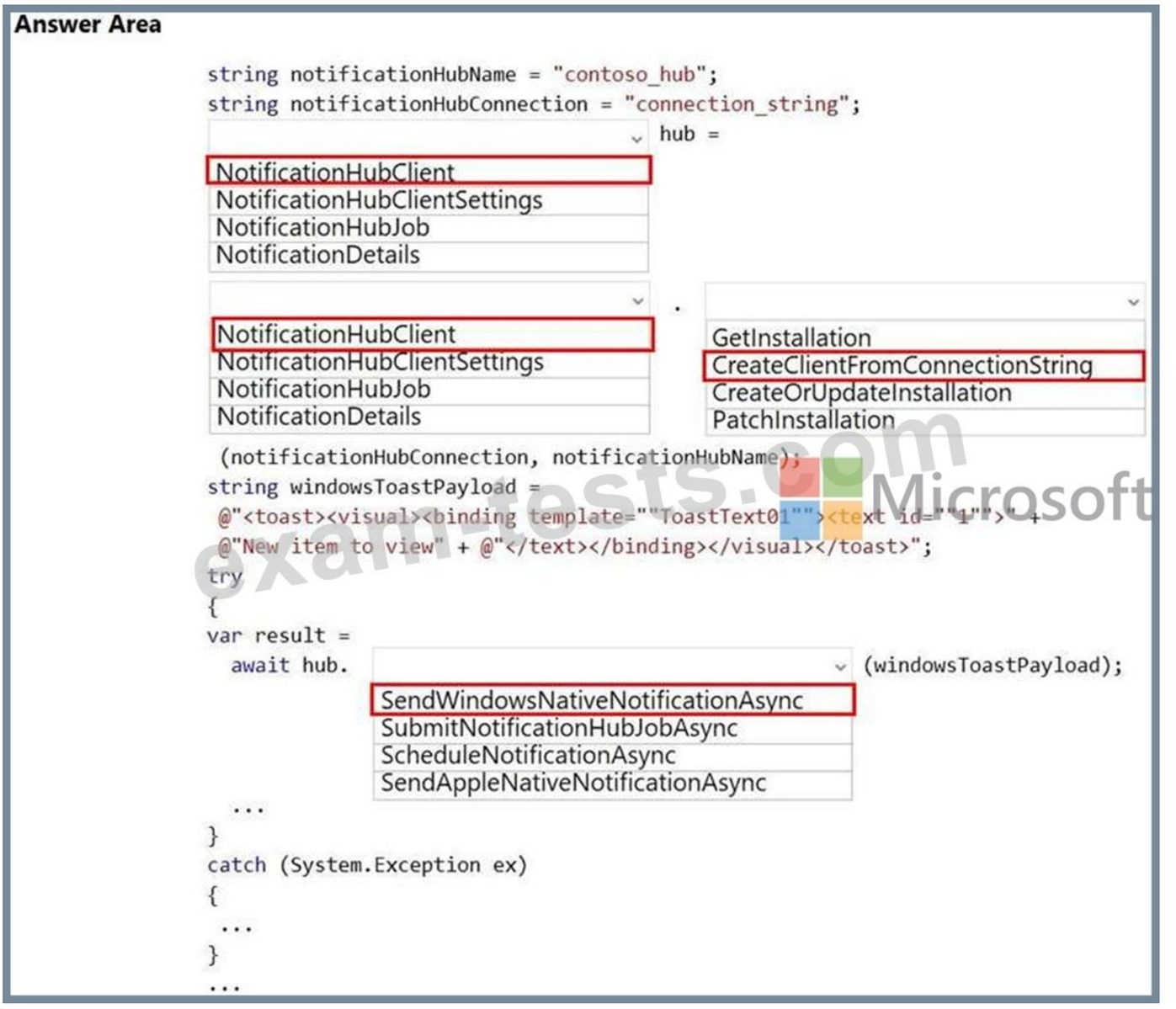
Answer:

Answer Area



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: 129
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 policies. Each section 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

Answer:

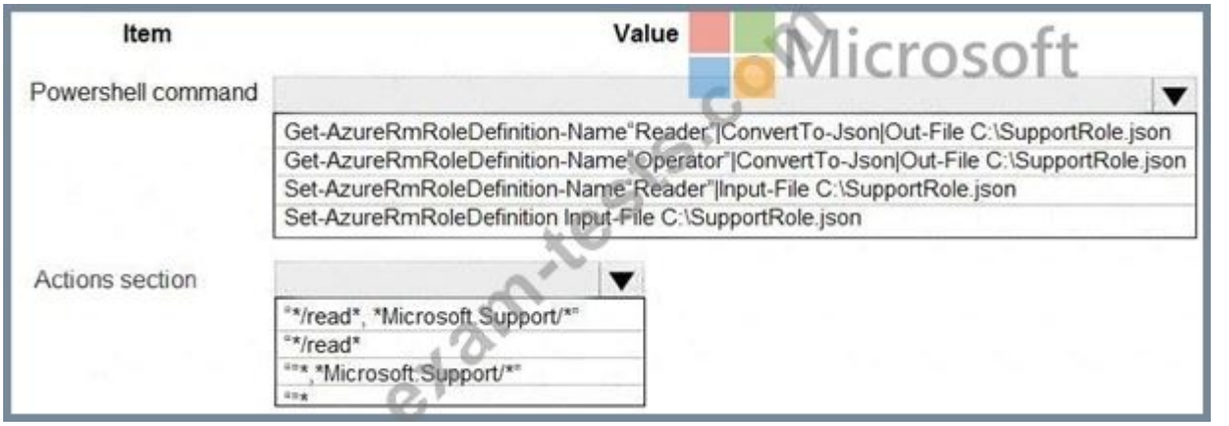
Reference:
https://docs.microsoft.com/en-us/azure/api-management/api-management-caching-policies
https://docs.microsoft.com/en-us/azure/api-management/api-management-sample-cache-by-key

NEW QUESTION: 130
You need to resolve the Shipping web site error.
How should you configre the Azure Table Storage service? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

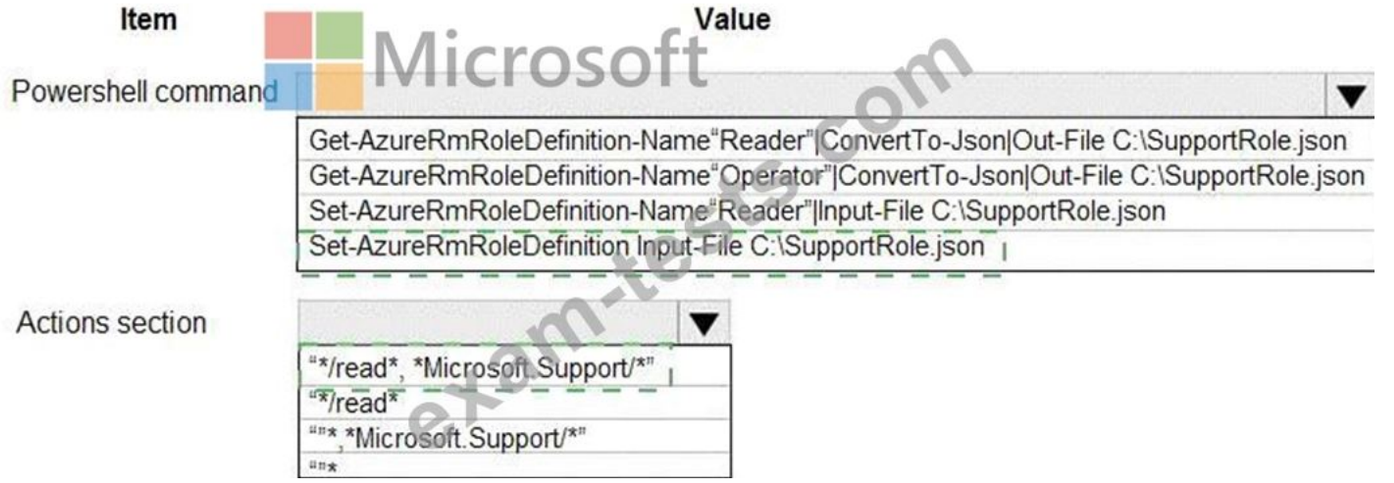
Answer:

Reference:
https://developer.mozilla.org/en-US/docs/Web/HTTP/Headers/Access-Control-Allow-Origin

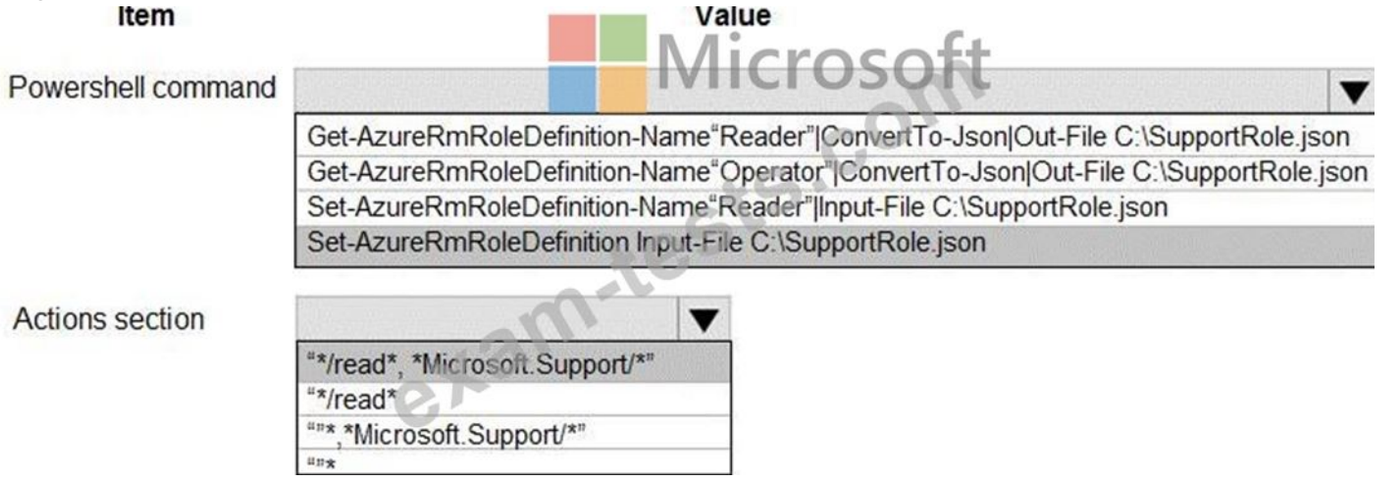
NEW QUESTION: 131
Your company is migrating applications to Azure. The IT department must allow internal developers to communicate with Microsoft support.
The service agents of the IT department must only have view resources and create support ticket permissions to all subscriptions. A new custom role must be created by reusing a default role definition and changing the permissions.
You need to create the custom role.
To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.



Answer:



Explanation



Box 1: Set-AzureRmRoleDefinition Input-File C:\SupportRole.json

The Set-AzureRmRoleDefinition cmdlet updates an existing custom role in Azure Role-Based Access Control.

Provide the updated role definition as an input to the command as a JSON file or a PSRoleDefinition object.

The role definition for the updated custom role MUST contain the Id and all other required properties of the role even if they are not updated: DisplayName, Description, Actions, AssignableScope Box 2: "*/read*."* Microsoft.Support/*" Microsoft.Support/* Create and manage support tickets

"Microsoft.Support" role definition azure

NEW QUESTION: 132

A company is implementing a publish-subscribe (Pub/Sub) messaging component by using Azure Service Bus. You are developing the first subscription application.

In the Azure portal you see that messages are being sent to the subscription for each topic. You create and initialize a subscription client object by supplying the correct details, but the subscription application is still not consuming the messages.

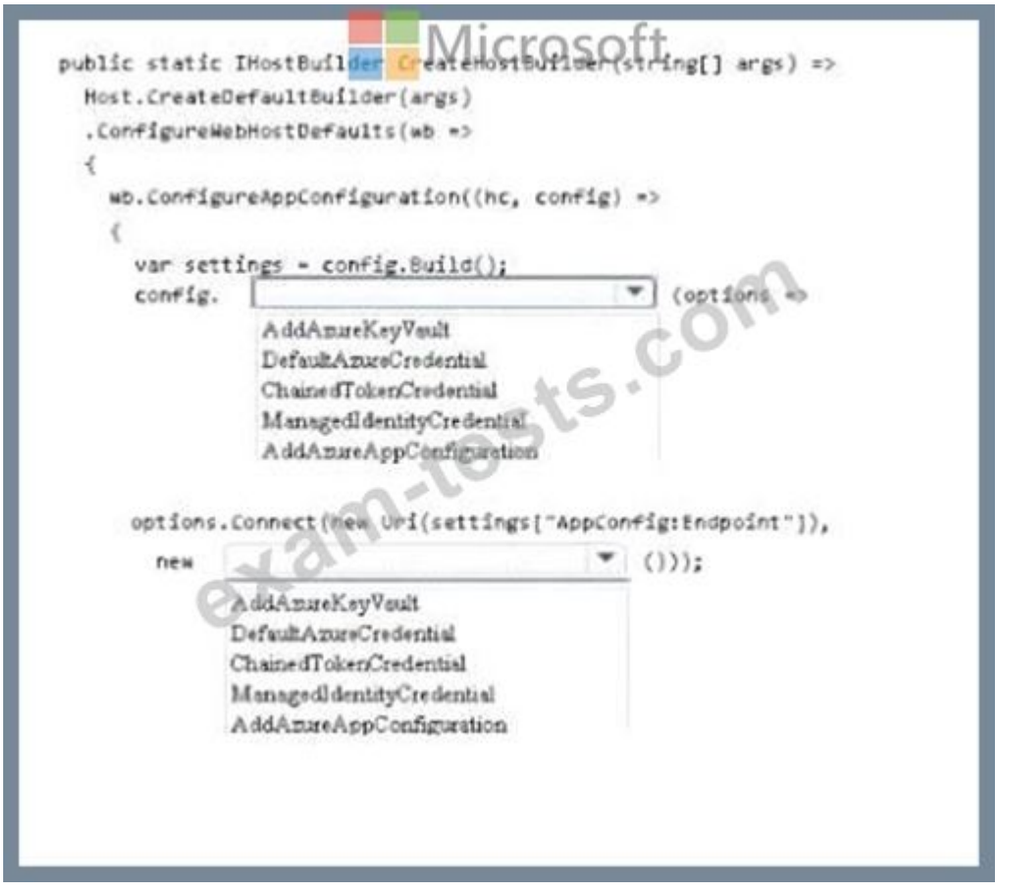
You need to complete the source code of the subscription client

What should you do?

A. await subscriptionClient.CloseAsync();

B. await subscriptionClient.AddRuleAsync(new RuleDescription(RuleDescription.DefaultRuleName, new TrueFilter()));
C. subscriptionClient.RegisterMessageHandler(ProcessMessagesAsync, messageHandlerOptions);
D. subscriptionClient = new SubscriptionClient(ServiceBusConnectionString, TopicName, SubscriptionName);
Answer: (SHOW ANSWER)
Using topic client, call RegisterMessageHandler which is used to receive messages continuously from the entity. It registers a message handler and begins a new thread to receive messages. This handler is waited on every time a new message is received by the receiver.
subscriptionClient.RegisterMessageHandler(ReceiveMessagesAsync, messageHandlerOptions);
References:
https://www.c-sharpcorner.com/article/azure-service-bus-topic-and-subscription-pub-sub/

NEW QUESTION: 133
You are a developer building a web site using a web app. The web site stores configuration data in Azure App Configuration. Access to Azure App Configuration has been configured to use the identity of the web app for authentication. Security requirements specify that no other authentication systems must be used.
You need to load configuration data from Azure App Configuration.
How should you complete the code? To answer, select the appropriate options in the answer area.



Answer:

```
public static IHostBuilder CreateHostBuilder(string[] args) =>
  Host.CreateDefaultBuilder(args)
  .ConfigureWebHostDefaults(wb =>
  {
    wb.ConfigureAppConfiguration((hc, config) =>
    {
      var settings = config.Build();
      config.                                   (options =>
                AddAzureKeyVault
                DefaultAzureCredential
                ChainedTokenCredential
                ManagedIdentityCredential
                AddAzureAppConfiguration

      options.Connect(new Uri(settings["AppConfig:Endpoint"]),
        new                                     ());
                AddAzureKeyVault
                DefaultAzureCredential
                ChainedTokenCredential
                ManagedIdentityCredential
                AddAzureAppConfiguration
```

Explanation

Graphical user interface, text, application Description automatically generated

```
public static IHostBuilder CreateHostBuilder(string[] args) =>
  Host.CreateDefaultBuilder(args)
  .ConfigureWebHostDefaults(wb =>
  {
    wb.ConfigureAppConfiguration((hc, config) =>
    {
      var settings = config.Build();
      config.  DefaultAzureCredential   (options =>
        options.Connect(new Uri(settings["AppConfig:Endpoint"]),
          new  ManagedIdentityCredential   ());
```

NEW QUESTION: 134

Case Study 4 - Best for You Organics

Background

Best for You Organics Company is a global restaurant franchise that has multiple locations. The company wants to enhance user experiences and vendor integrations. The company plans to implement automated mobile ordering and delivery services.

Best For You Organics hosts an Azure web app at the URL https://www.bestforyouorganics.com. Users can use the web app to browse restaurant locations, menu items, nutritional, information, and company information. The company developed and deployed a cross-platform mobile app.

Requirements

You must develop a chartbot by using the Bot Builder SDK and Language Understanding Intelligence Service (LUIS). The chatbot must allow users to order food for pickup or delivery.

The chatbot must meet the following requirements:

* Ensure that chatbot endpoint can be accessed only by the Bot Framework connector.
* Use natural language processing and speech recognition so that users can interact with the chatbot by using text and voice. Processing must be server-based.
* Alert users about promotions at local restaurants.
* Enable users to place an order for delivery or pickup by using their voice.
* Greet the user upon sign-in by displaying a graphical interface that contains action buttons.
* The chatbot greeting interface must match the formatting of the following example:

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Vendor API

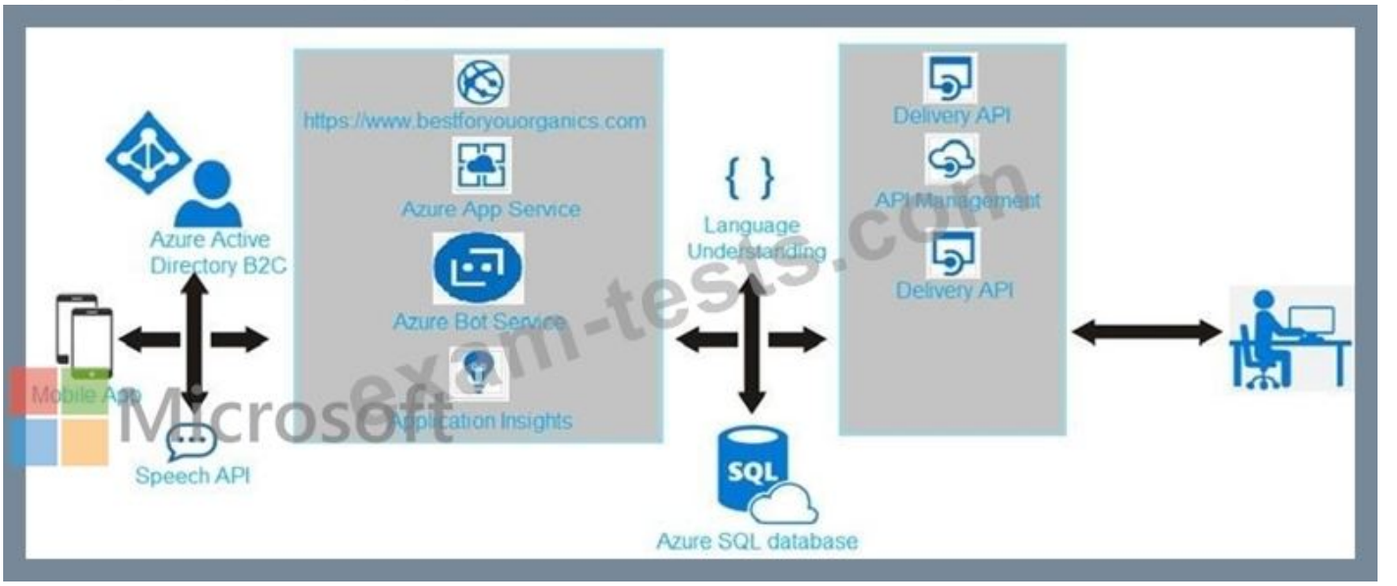
Vendors receive and provide updates for the restaurant inventory and delivery services by using Azure API Management hosted APIs. Each vendor uses their own subscription to access each of the APIs.

APIs must meet the following conditions:

* API usage must not exceed 5,000 calls and 50,000 kilobytes of bandwidth per hour per vendor.
* If a vendor is nearing the number of calls or bandwidth limit, the API must trigger email notifications to the vendor.
* APIs must prevent API usage spikes on a per-subscription basis by limiting the call rate to 100 calls per minute.
* The Inventory API must be written by using ASP.NET Core and Node.js.
* The API must be updated to provide an interface to Azure SQL Database. Database objects must be managed by using code.
* The Delivery API must be protected by using the OAuth 2.0 protocol with Azure Active Directory (Azure AD) when called from the Azure web app. You register the Delivery API and web app in Azure AD. You enable OAuth 2.0 in the web app.
* The delivery API must update the Products table, the Vendor transactions table, and the Billing

table in a single transaction.

The Best For You Organics Company architecture team has created the following diagram depicting the expected deployments into Azure:



Delivery API

The Delivery API intermittently throws the following exception:

```
"System.Data.Entity.Core.EntityCommandExecutionException: An error occurred while executing the command definition. See the inner exception for details. --->System.Data.SqlClient.SqlException: A transport-level error has occurred when receiving results from the server. (provider: Session Provider, error: 19 - Physical connection is not usable)"
```

Chatbot greeting

The chatbot's greeting does not show the user's name. You need to debug the chatbot locally.

Language processing

Users report that the bot fails to understand when a customer attempts to order dishes that use Italian names.

Relevant portions of the app files are shown below. Line numbers are included for reference only and include a two-character prefix that denotes the specific file to which they belong.

Startup.cs

```
SU01   namespace DeliveryApi
SU02   {
SU03    public class Startup
SU04   {
SU05     public Startup (Iconfiguration configuration)
SU06    {
SU07     Configuration = configuration ;
SU08    }
SU09    public Iconfiguration Configuration {get ;}
SU10    public void ConfigureServices(IserviceCollection services)
SU11  {
SU12   services.AddDbContext<RestaurantsContext> (opt =>
SU13     opt.UseSqlServer (Configuration.GetSection ("ConnectionStrings") ["RestaurantsDatabase"],
SU14      sqlServerOptionsAction: sqlOptions =>
SU15      {
SU16       . . .
SU17  })))  ;
SU18  services.AddMvc()
SU19  .SetCompatibilityVersion(CompatibilityVersion.Version_2_1) ;
SU20  }
SU21  public void Configure (IapplicationBuilder app)
SU22    {
SU23    app.UseMvc() ;
SU24    }
SU25  }
SU26 }
```

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Note: In this section you will see one or more sets of questions with the same scenario and problem. Each question presents a unique solution to the problem, and you must determine whether the solution meets the stated goals. More than one solution might solve the problem. It is also possible that none of the solutions solve the problem.

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.

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 need to meet the vendor notification requirement.

Solution: Configure notifications in the Azure API Management instance.

Does the solution meet the goal?

A. Yes

B. No

Answer: B (LEAVE A REPLY)

Explanation:Use a custom outbound Azure API Management policy.

Scenario:

If a vendor is nearing the number of calls or bandwidth limit, the API must trigger email notifications to the vendor.

(API usage must not exceed 5,000 calls and 50,000 kilobytes of bandwidth per hour per vendor.)

References:

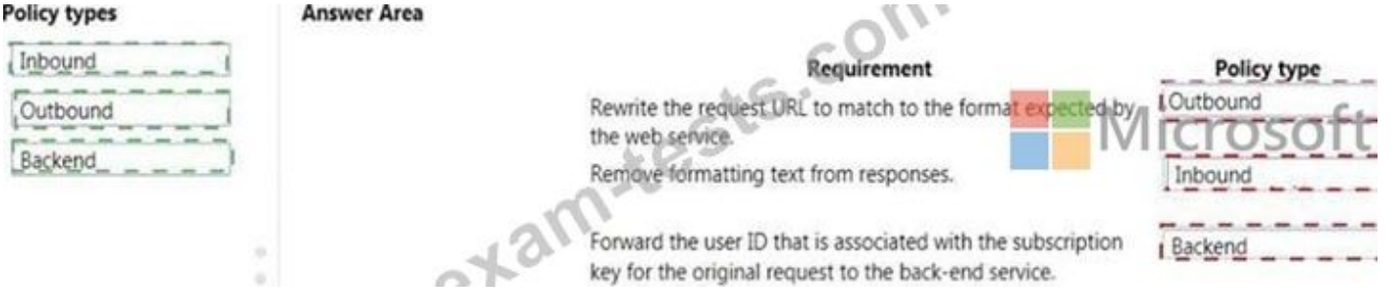
https://docs.microsoft.com/en-us/azure/api-management/api-management-howto-policies

NEW QUESTION: 135

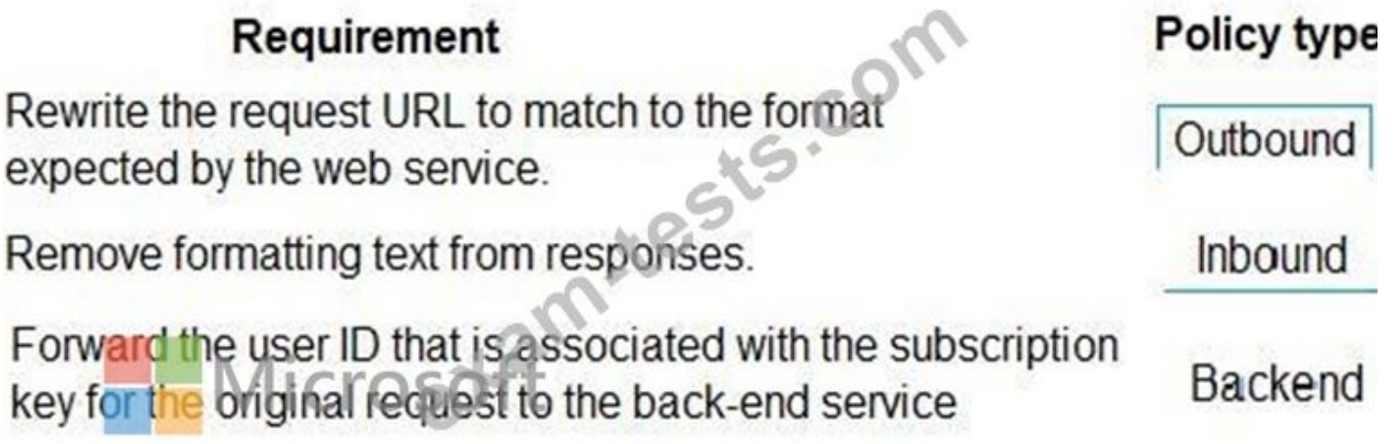
You have an application that provides weather forecasting data to external partners. You use

Azure API Management to publish APIs.
You must change the behavior of the API to meet the following requirements:
* Support alternative input parameters.
* Remove formatting text from responses.
* Provide additional context to back-end services.
Which types of policies should you implement? To answer, drag the policy types to the correct scenarios. Each policy type 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.

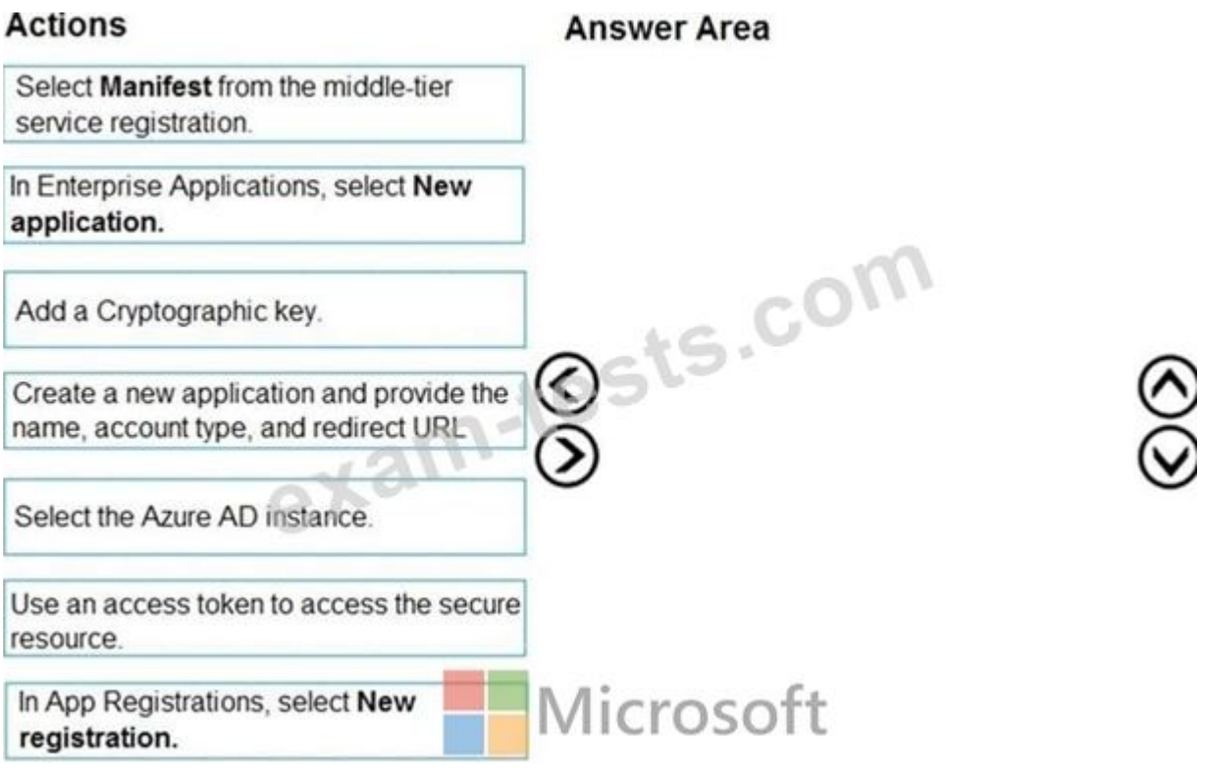
Answer:



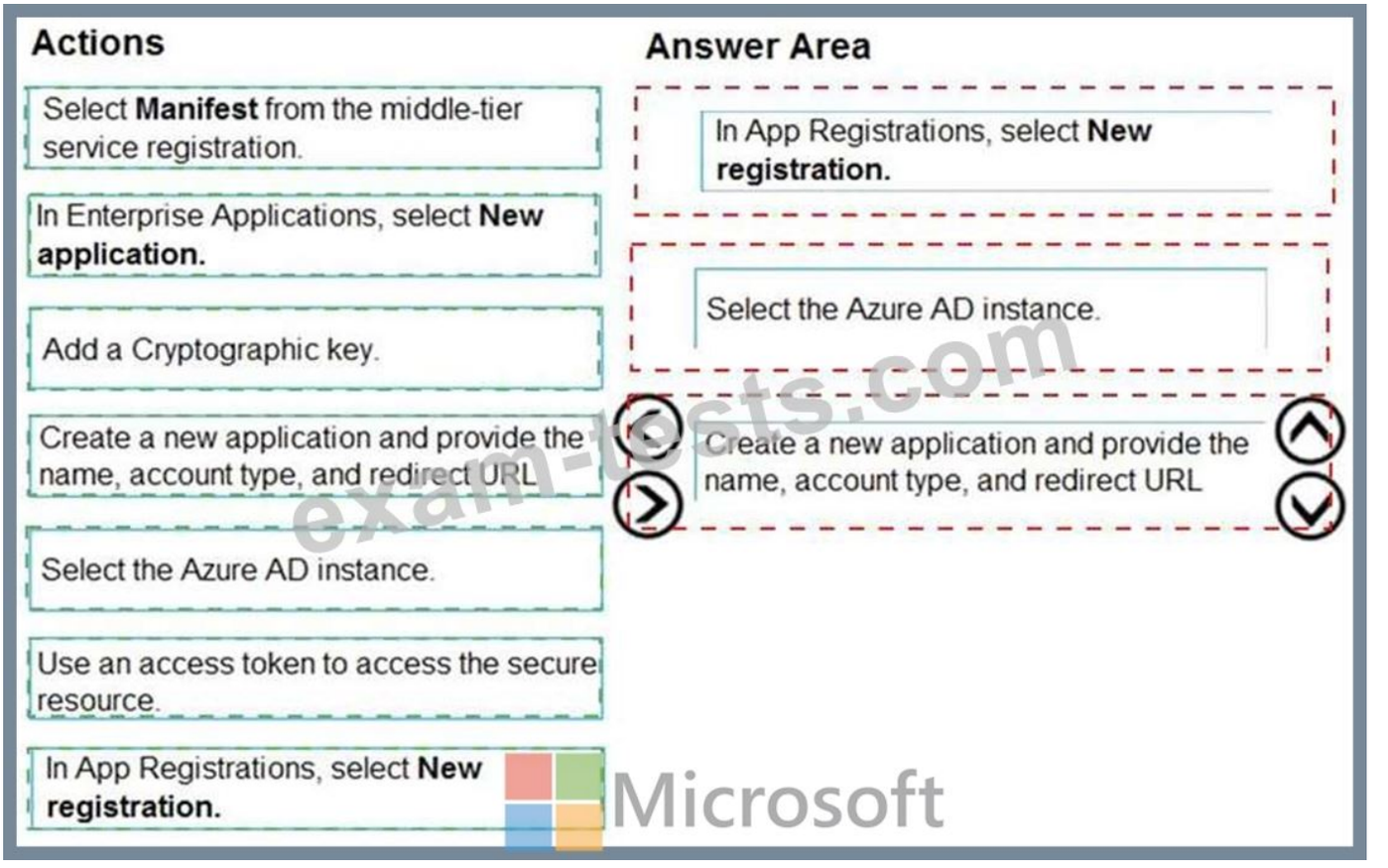
Explanation



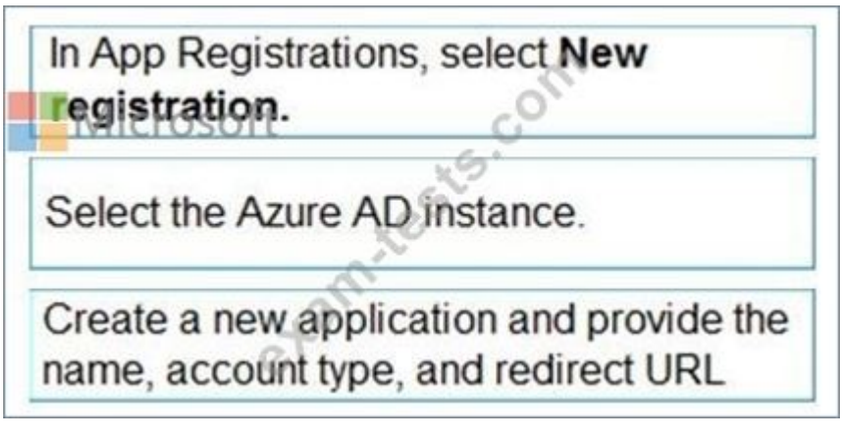
NEW QUESTION: 136
You develop a web application.
You need to register the application with an active Azure Active Directory (Azure AD) tenant.
Which three actions should you perform in sequence? To answer, move all actions from the list of actions to the answer area and arrange them in the correct order.



Answer:



Explanation



Register a new application using the Azure portal

* Sign in to the Azure portal using either a work or school account or a personal Microsoft account.
* If your account gives you access to more than one tenant, select your account in the upper right corner.

Set your portal session to the Azure AD tenant that you want.

* Search for and select Azure Active Directory. Under Manage, select App registrations.
* Select New registration. (Step 1)
* In Register an application, enter a meaningful application name to display to users.
* Specify who can use the application. Select the Azure AD instance. (Step 2)
* Under Redirect URI (optional), select the type of app you're building: Web or Public client (mobile & desktop). Then enter the redirect URI, or reply URL, for your application. (Step 3)
* When finished, select Register.

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NEW QUESTION: 137

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
```

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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
```

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Explanation

```
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
```

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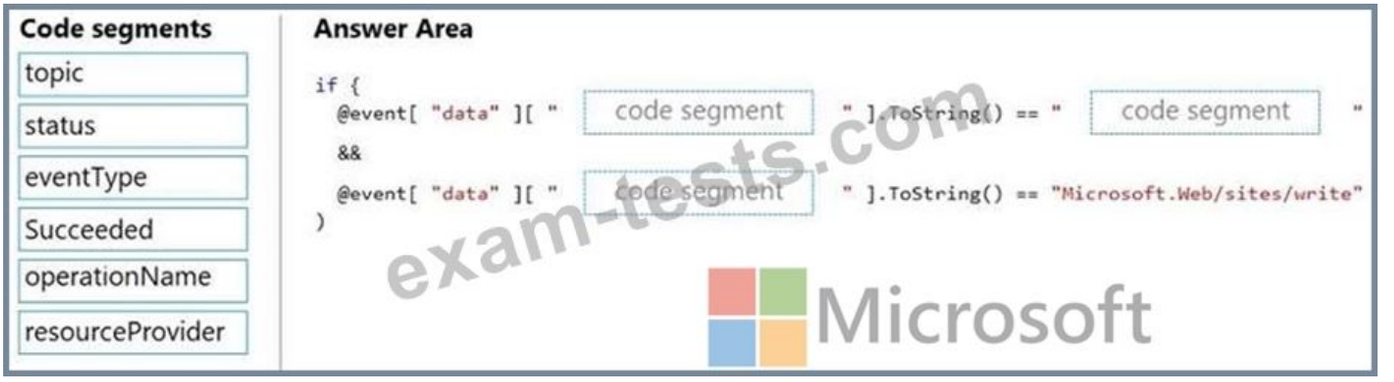
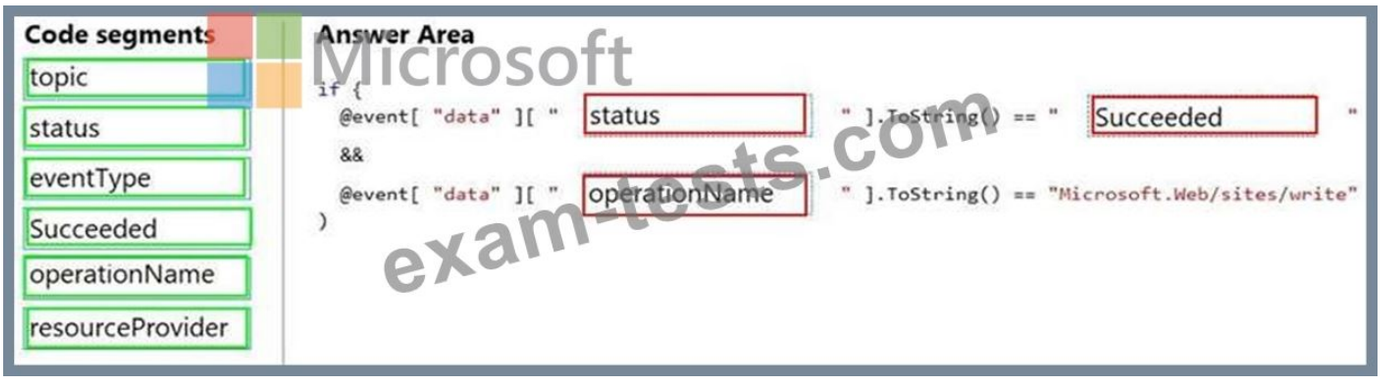
To create an internal load balancer, create a service manifest named internal-lb.yaml with the service type LoadBalancer and the azure-load-balancer-internal annotation as shown in the following example:
YAML:
apiVersion: v1
kind: Service
metadata:
name: internal-app
annotations:
service.beta.kubernetes.io/azure-load-balancer-internal: "true"
spec:
type: LoadBalancer
ports:
- port: 80
selector:
app: internal-app
References:
https://docs.microsoft.com/en-us/azure/aks/internal-lb

NEW QUESTION: 138
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.



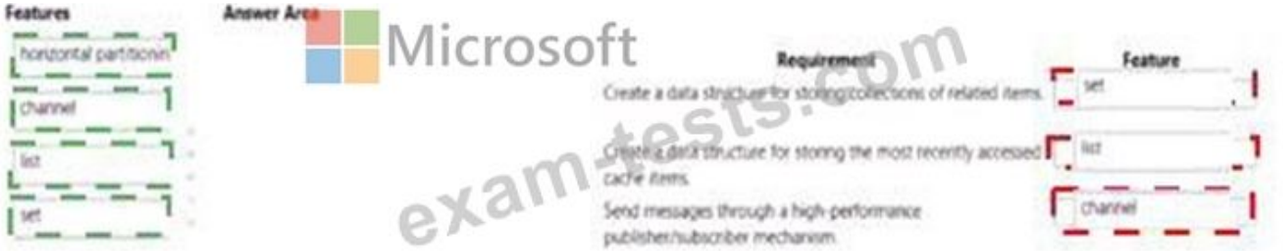
Answer:



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

NEW QUESTION: 139
You develop and deploy an Azure App Service ---- app. The web app accesses data in an Azure SQL database You must update the web app to store frequently used data m a new Azure Cache for Redis Premium instance.
You need to implement the Azure Cache for Redis features.
Which feature should you implement? To answer, drag the appropriate feature to the correct requirements Each feature may be used once, more than once, or not at all You may need to ---------- between panes or scroll to view content.
NOTE Each correct selection is worth one point

Answer:



Explanation
Graphical user interface, text, application Description automatically generated

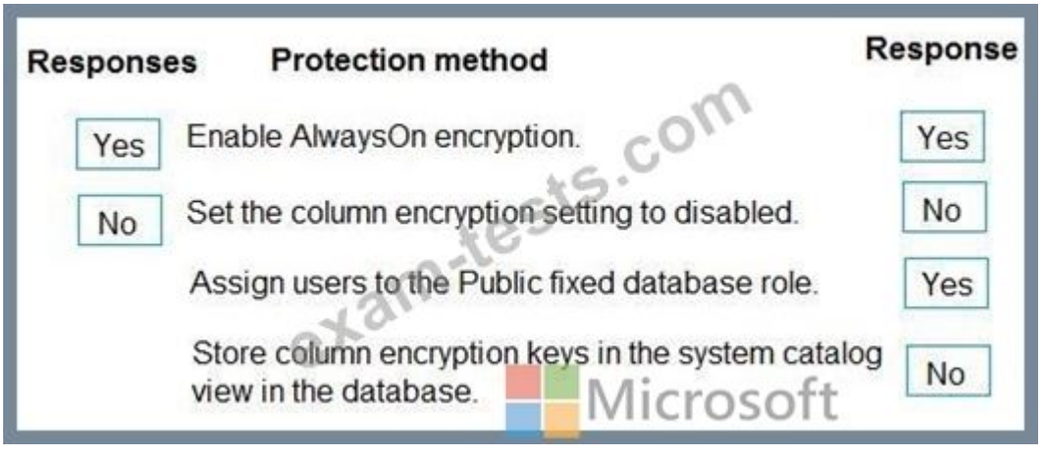
NEW QUESTION: 140

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.

Answer:



Box 1: Yes

You can configure Always Encrypted for individual database columns containing your sensitive data. When setting up encryption for a column, you specify the information about the encryption algorithm and cryptographic keys used to protect the data in the column.

Box 2: No

Box 3: Yes

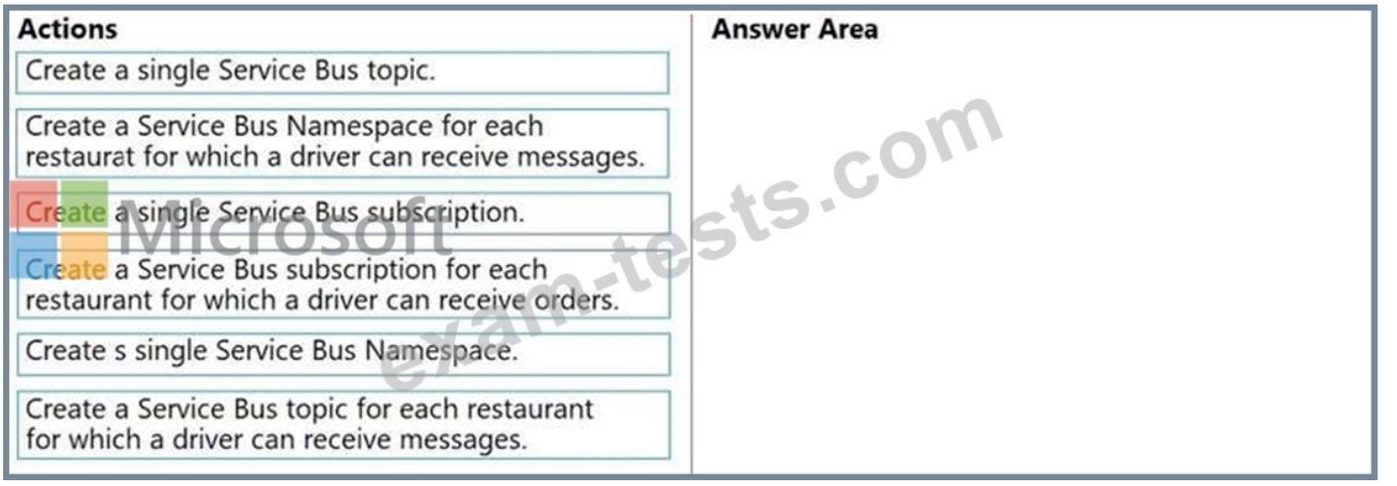
In SQL Database, the VIEW permissions are not granted by default to the public fixed database role. This enables certain existing, legacy tools (using older versions of DacFx) to work properly. Consequently, to work with encrypted columns (even if not decrypting them) a database administrator must explicitly grant the two VIEW permissions.

Box 4: No

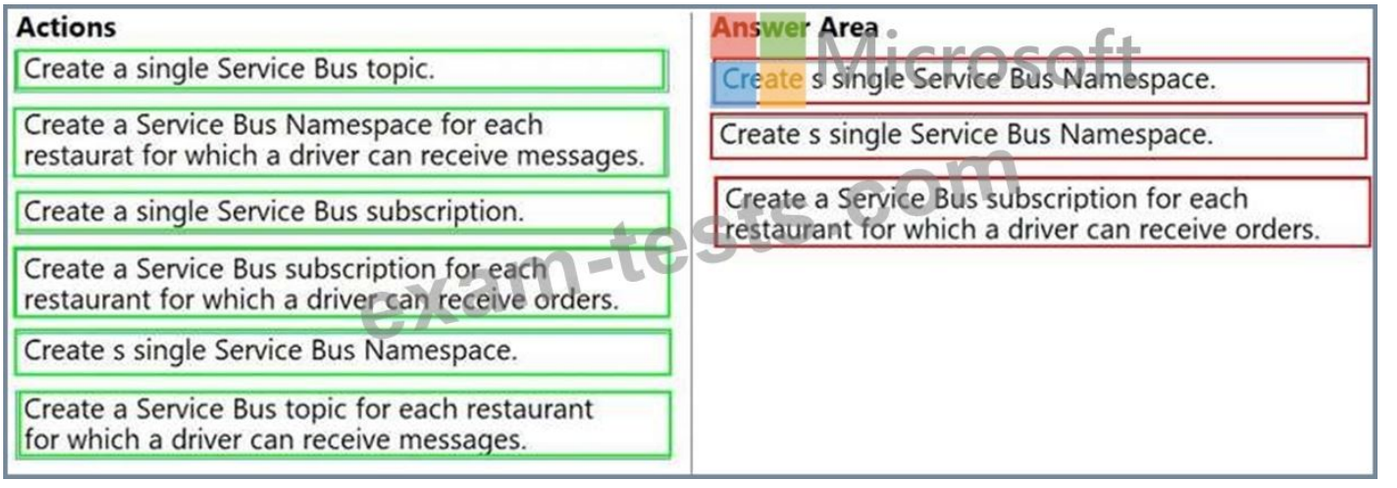
All cryptographic keys are stored in an Azure Key Vault.

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

NEW QUESTION: 141
You develop software solutions for a mobile delivery service. You are developing a mobile app that users can use to order from a restaurant in their are a. The app uses the following workflow:
A driver selects the restaurants from which they will deliver orders.
Orders are sent to all available drivers in an area.
Only orders for the selected restaurants will appear for the driver.
The first driver to accept an order removes it from the list of available orders.
You need to implement an Azure Service Bus solution.
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:

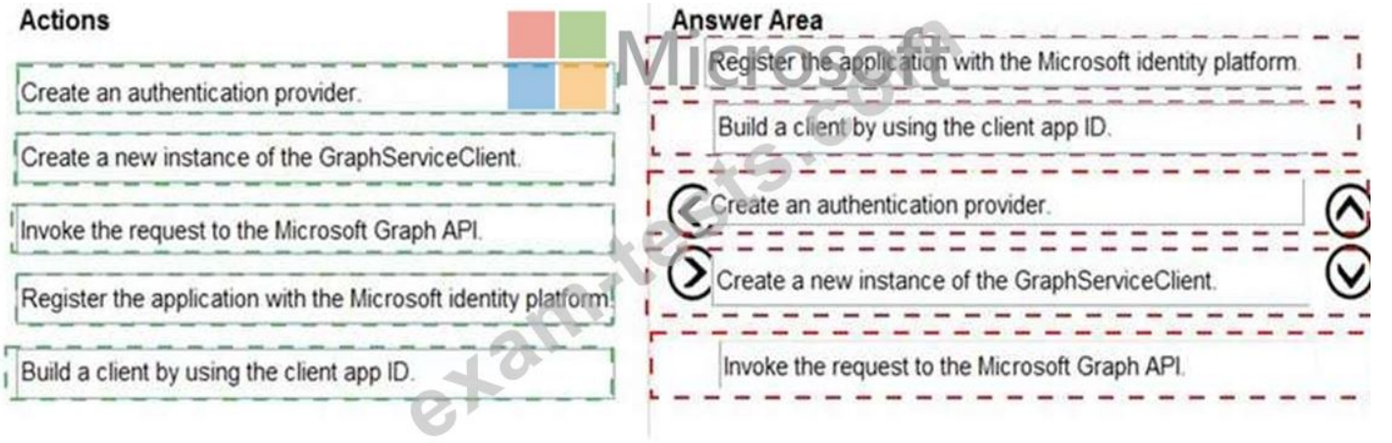


Reference:
https://docs.microsoft.com/en-us/azure/service-bus-messaging/service-bus-messaging-overview

NEW QUESTION: 142
You are developing an application to retrieve user profile information. The application will use the Microsoft Graph SDK.

The app must retrieve user profile information by using a Microsoft Graph API call.
You need to call the Microsoft Graph API from the application.
In which order should you perform the actions? To answer, move all actions from the list of actions to the answer area and arrange them in the correct order.

Answer:



Explanation

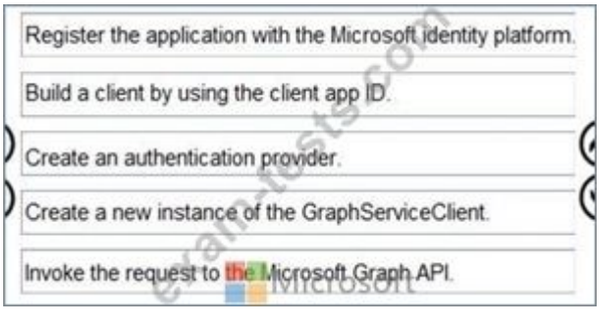


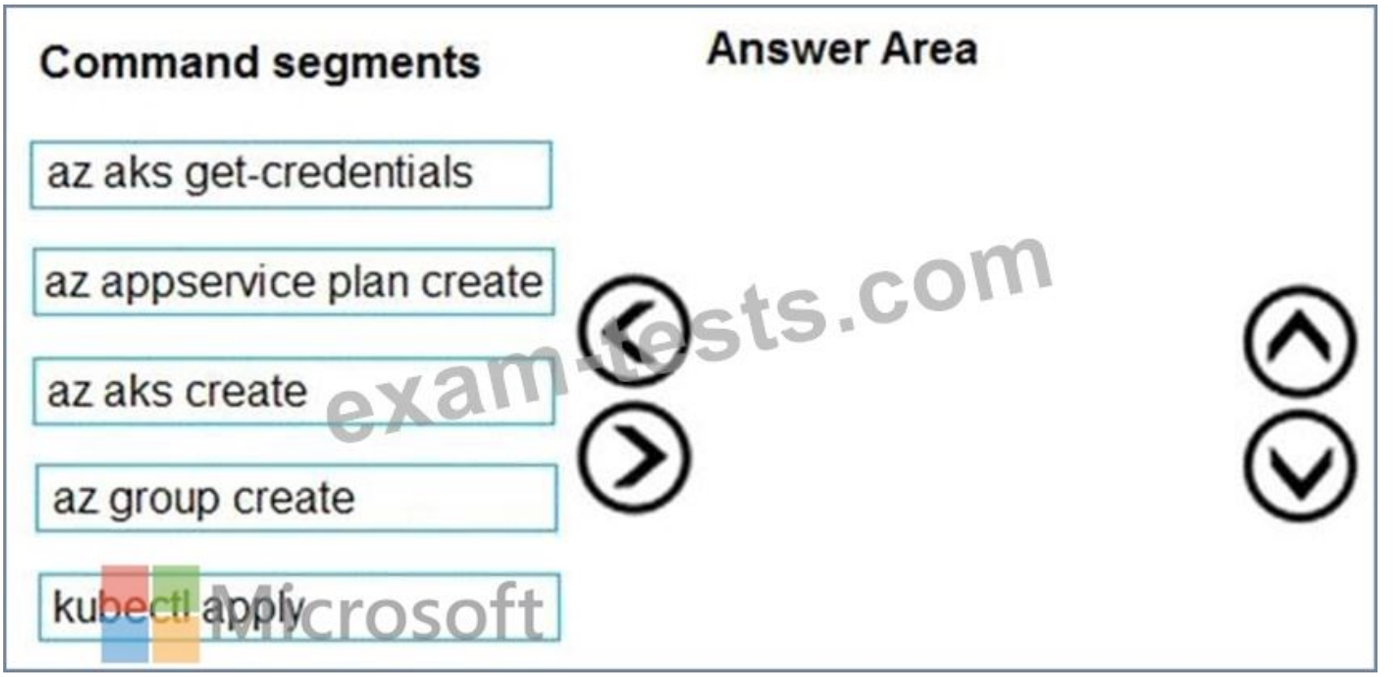
Table Description automatically generated

Step 1: Register the application with the Microsoft identity platform.
To authenticate with the Microsoft identity platform endpoint, you must first register your app at the Azure app registration portal Step 2: Build a client by using the client app ID Step 3: Create an authentication provider Create an authentication provider by passing in a client application and graph scopes.
Code example:

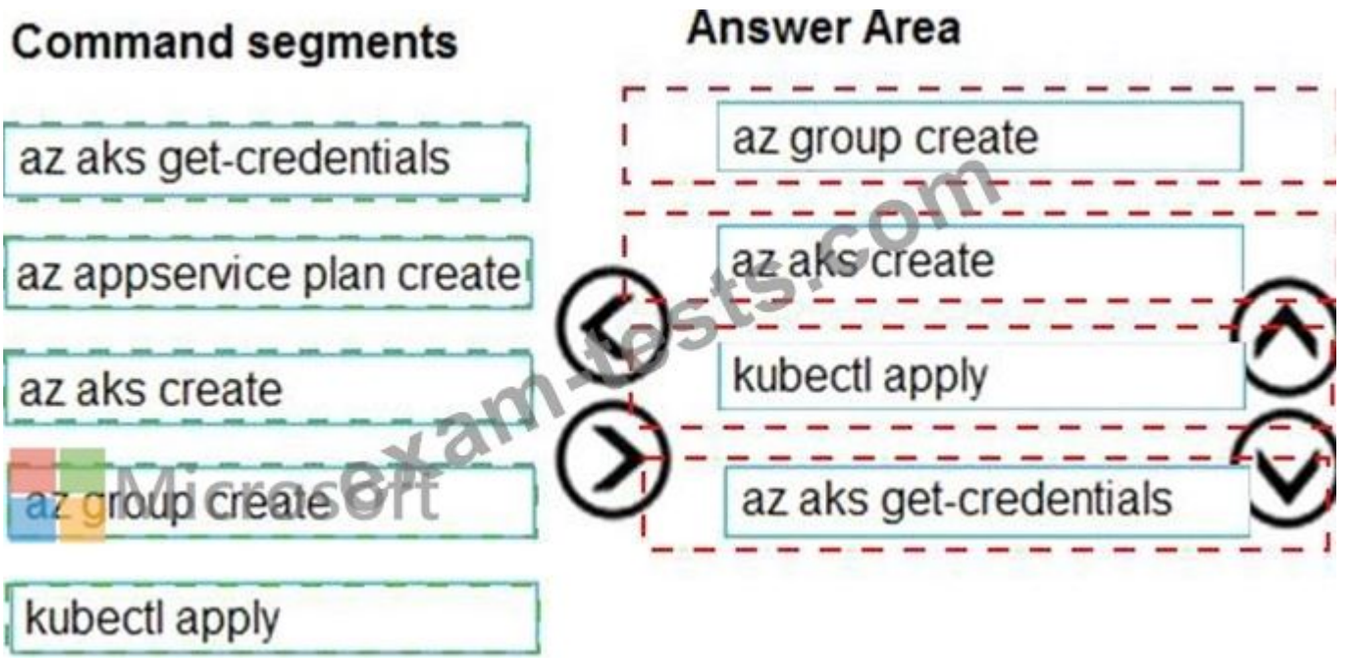
```
DeviceCodeProvider authProvider = new DeviceCodeProvider(publicClientApplication, graphScopes);
// Create a new instance of GraphServiceClient with the authentication provider.
GraphServiceClient graphClient = new GraphServiceClient(authProvider);
```

Step 4: Create a new instance of the GraphServiceClient
Step 5: Invoke the request to the Microsoft Graph API
Reference:
https://docs.microsoft.com/en-us/graph/auth-v2-service
https://docs.microsoft.com/en-us/graph/sdks/create-client

NEW QUESTION: 143
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.



Answer:



Explanation

Step 1: az group create

Create a resource group with the az group create command. An Azure resource group is a logical group in which Azure resources are deployed and managed.

Example: The following example creates a resource group named myAKSCluster in the eastus location.

az group create --name myAKSCluster --location eastus

Step 2 : az aks create

Use the az aks create command to create an AKS cluster.

Step 3: kubectl apply

To deploy your application, use the kubectl apply command. This command parses the manifest file and creates the defined Kubernetes objects.

Step 4: az aks get-credentials

Configure it with the credentials for the new AKS cluster. Example:

az aks get-credentials --name aks-cluster --resource-group aks-resource-group References: https://docs.bitnami.com/azure/get-started-aks/

NEW QUESTION: 144

Fourth Coffee has an ASP.NET Core web app that runs in Docker. The app is mapped to the www.fourthcoffee.com domain.

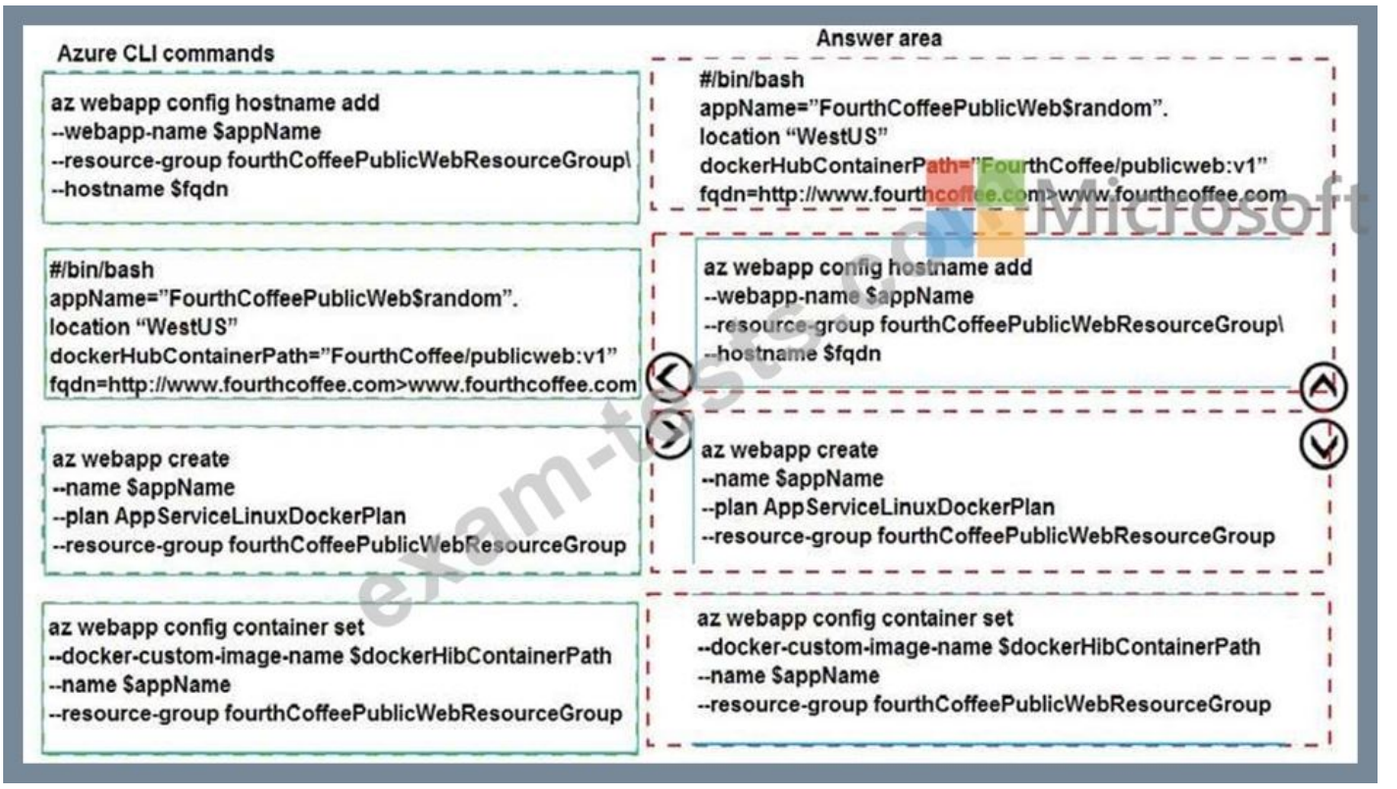
Fourth Coffee is migrating this application to Azure.

You need to provision an App Service Web App to host this docker image and map the custom domain to the App Service web app.

A resource group named FourthCoffeePublicWebResourceGroup has been created in the WestUS region that contains an App Service Plan named AppServiceLinuxDockerPlan.

Which order should the CLI commands be used to develop the solution? To answer, move all of the Azure CLI command from the list of commands to the answer area and arrange them in the correct order.

Answer:



Explanation

Step 1: #bin/bash
The appName is used when the webapp-name is created in step 2.
Step 2: az webapp config hostname add
The webapp-name is used when the webapp is created in step 3.
Step 3: az webapp create
Create a web app. In the Cloud Shell, create a web app in the myAppServicePlan App Service plan with the az webapp create command.
Step : az webapp confing container set
In Create a web app, you specified an image on Docker Hub in the az webapp create command. This is good enough for a public image. To use a private image, you need to configure your Docker account ID and password in your Azure web app.
In the Cloud Shell, follow the az webapp create command with az webapp config container set.
References:
https://docs.microsoft.com/en-us/azure/app-service/containers/tutorial-custom-docker-image

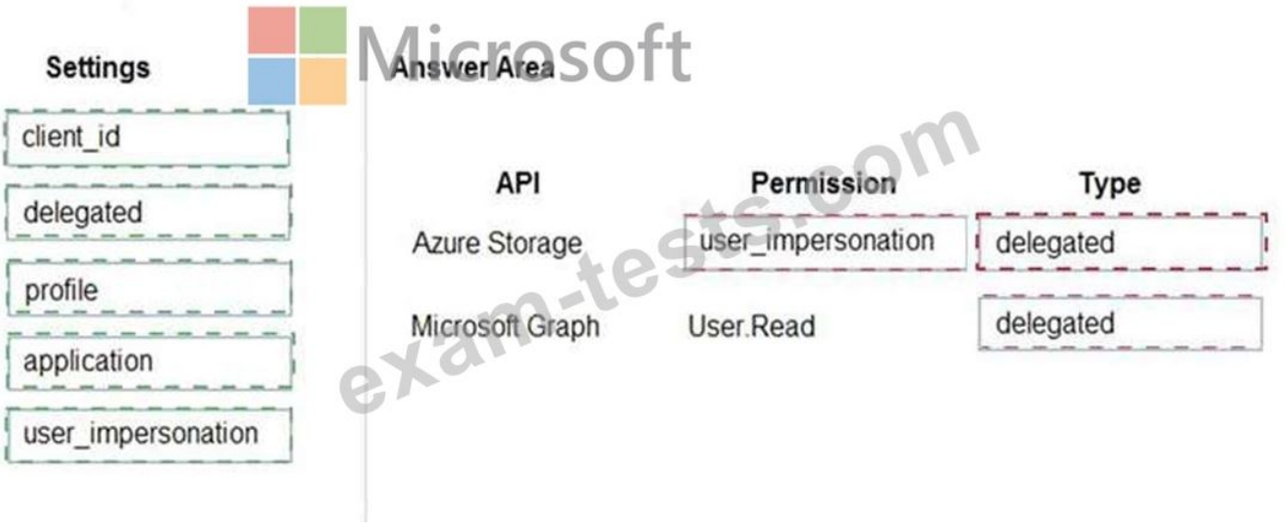
NEW QUESTION: 145
You are working for Contoso, Ltd.
You define an API Policy object by using the following XML markup:

```
<set-variable name= "bodySize" value="@(context.Request.Headers["Content-Length"] [0])"/>
<choose>
 <when condition= "@(int.Parse(context.Variables.GetValueOrDefault<string> ("bodySize"))<512000)">
</when>
<otherwise>
     <rewrite-uri template= "/put"/>
     <set-backend-service base-url= "http://contoso.com/api/9.1/"/>
</otherwise>
</choose>
```

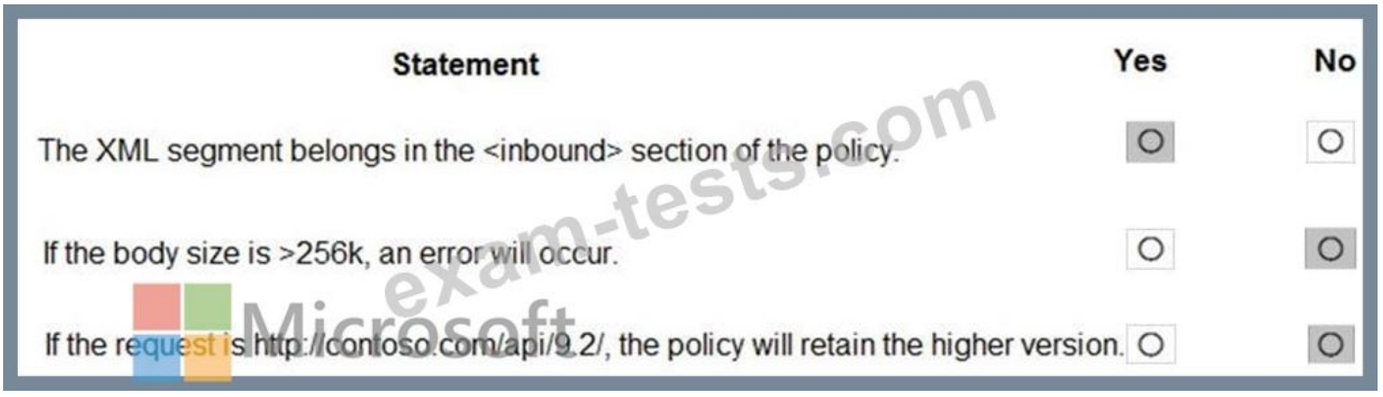
For each of the following statements, select Yes if the statement is true. Otherwise, select No.
NOTE: Each correct selection is worth one point.

Statement	Yes	No
The XML segment belongs in the <inbound> section of the policy.	○	○
If the body size is >256k, an error will occur.	○	○
If the request is http://contoso.com/api/9.2/, the policy will retain the higher version.	○	○

Answer:



Explanation



Box 1: Yes
Use the set-backend-service policy to redirect an incoming request to a different backend than the one specified in the API settings for that operation. Syntax: <set-backend-service base-url="base URL of the backend service" /> Box 2: No The condition is on 512k, not on 256k.
Box 3: No
The set-backend-service policy changes the backend service base URL of the incoming request to the one specified in the policy.
Reference:
https://docs.microsoft.com/en-us/azure/api-management/api-management-transformation-policies

NEW QUESTION: 146
You need to ensure that all messages from Azure Event Grid are processed.
What should you use?
A. Azure Event Grid topic
B. Azure Service Bus topic
C. Azure Service Bus queue
D. Azure Storage queue
E. Azure Logic App custom connector
Answer: B (LEAVE A REPLY)
As a solution architect/developer, you should consider using Service Bus queues when:
Your solution needs to receive messages without having to poll the queue. With Service Bus, you

can achieve it by using a long-polling receive operation using the TCP-based protocols that Service Bus supports.
Reference:
https://docs.microsoft.com/en-us/azure/service-bus-messaging/service-bus-azure-and-service-bus-queues-compared-contrasted
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.
Background
You are a developer for Proseware, Inc. You are developing an application that applies a set of governance policies for Proseware's internal services, external services, and applications. The application will also provide a shared library for common functionality.
Topic 4, Proseware, Inc
Requirements
Policy service
You develop and deploy a stateful ASP.NET Core 2.1 web application named Policy service to an Azure App Service Web App. The application reacts to events from Azure Event Grid and performs policy actions based on those events.
The application must include the Event Grid Event ID field in all Application Insights telemetry.
Policy service must use Application Insights to automatically scale with the number of policy actions that it is performing.
Policies
Log policy
All Azure App Service Web Apps must write logs to Azure Blob storage. All log files should be saved to a container named logdrop. Logs must remain in the container for 15 days.
Authentication events
Authentication events are used to monitor users signing in and signing out. All authentication

events must be processed by Policy service. Sign outs must be processed as quickly as possible.

PolicyLib

You have a shared library named PolicyLib that contains functionality common to all ASP.NET Core web services and applications. The PolicyLib library must:

Exclude non-user actions from Application Insights telemetry.

Provide methods that allow a web service to scale itself.

Ensure that scaling actions do not disrupt application usage.

Other

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.

Health monitoring

All web applications and services have health monitoring at the /health service endpoint.

Issues

Policy loss

When you deploy Policy service, policies may not be applied if they were in the process of being applied during the deployment.

Performance issue

When under heavy load, the anomaly detection service undergoes slowdowns and rejects connections.

Notification latency

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

App code

EventGridController.cs

Relevant portions of the app files are shown below. Line numbers are included for reference only and include a two-character prefix that denotes the specific file to which they belong.

```
EventGridController.cs
EG01 public class EventGridController : Controller
EG02 {
EG03   public static AsyncLocal<string> EventId = new AsyncLocal<string>();
EG04   public IActionResult Process([fromBody] string eventsJson)
EG05   {
EG06     var events = JArray.Parse(eventsJson);
EG07
EG08     foreach (var @event in events)
EG09     {
EG10       EventId.Value = @event["id"].ToString();
EG11       if (@event["topic"].ToString().Contains("providers/Microsoft.Storage"))
EG12       {
EG13         SendToAnomalyDetectionService(@event["data"]["url"].ToString());
EG14       }
```

```
EG15
EG16        {
EG17            EnsureLogging(@event["subject"].ToString());
EG18        }
EG19      }
EG20      return null;
EG21    }
EG22    private void EnsureLogging(string resource)
EG23    {
EG24      . . .
EG25    }
EG26    private async Task SendToAnomalyDetectionService(string uri)
EG27    {
EG28      var content = GetLogData(uri);
EG29      var scoreRequest = new
EG30      {
EG31        Inputs = new Dictionary<string, List<Dictionary<string, string>>>()
EG32        {
EG33          {
EG34            "input1",
EG35            new List<Dictionary<string, string>>()
EG36            {
EG37              new Dictionary<string, string>()
EG38              {
EG39                {
EG40                  "logcontent", content
EG41                }
EG42              }
EG43            }
EG44          },
EG45        },
EG46        GlobalParameters = new Dictionary<string, string>() { }
EG47      };
EG48      var result = await (new HttpClient()).PostAsJsonAsync("...", scoreRequest);
EG49      var rawModelResult = await result.Content.ReadAsStringAsync();
EG50      var modelResult = JObject.Parse(rawModelResult);
EG51      if (modelResult["notify"].HasValues)
EG52      {
EG53        . . .
EG54      }
EG55    }
EG56    private (string name, string resourceGroup) ParseResourceId(string resourceId)
EG57    {
EG58      . . .
EG59    }
EG60    private string GetLogData(string uri)
EG61    {
EG62      . . .
```

Microsoft

```
EG63    }
EG64    static string BlobStoreAccountSAS(string containerName)
EG65    {
EG66      . . .
EG67    }
EG68 }
```

LoginEvent.cs

Relevant portions of the app files are shown below. Line numbers are included for reference only and include a two-character prefix that denotes the specific file to which they belong.

```
E01 public class LoginEvent
E02 {
E03
E04   public string subject { get; set; }
E05   public DateTime eventTime { get; set; }
E06   public Dictionary<string, string> data { get; set;
E07   public string Serialize()
E08   {
E09     return JsonConvert.SerializeObject(this);
E10   }
```

Microsoft exam tests.com

NEW QUESTION: 147

You need to configure Azure CDN for the Shipping web site.

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

NOTE: Each correct selection is worth one point.

Option	Value
Tier	Standard Premium
Profile	Akamai Microsoft
Optimization	general web delivery large file download dynamic site acceleration video-on-demand media streaming

Microsoft
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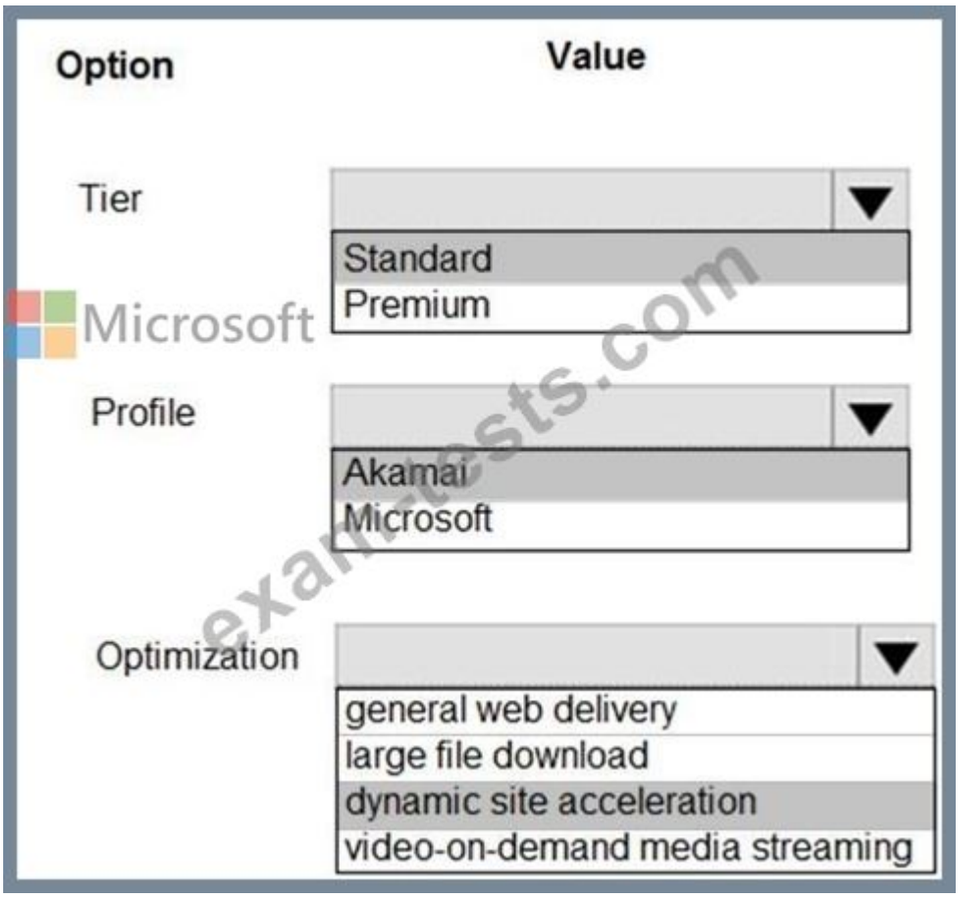
Answer:



Scenario: Shipping website
Use Azure Content Delivery Network (CDN) and ensure maximum performance for dynamic content while minimizing latency and costs.
Tier: Standard
Profile: Akamai
Optimization: Dynamic site acceleration
Dynamic site acceleration (DSA) is available for Azure CDN Standard from Akamai, Azure CDN Standard from Verizon, and Azure CDN Premium from Verizon profiles.
DSA includes various techniques that benefit the latency and performance of dynamic content. Techniques include route and network optimization, TCP optimization, and more.
You can use this optimization to accelerate a web app that includes numerous responses that aren't cacheable.
Examples are search results, checkout transactions, or real-time data. You can continue to use core Azure CDN caching capabilities for static data.
Reference:
https://docs.microsoft.com/en-us/azure/cdn/cdn-optimization-overview

NEW QUESTION: 148
You are developing an application that uses Azure Storage Queues.
You have the following code:

```
CloudStorageAccount storageAccount = CloudStorageAccount.Parse
(CloudConfigurationManager.GetSetting("StorageConnectionString"));
CloudQueueClient queueClient = storageAccount.CreateCloudQueueClient()

CloudQueue queue = queueClient.GetQueueReference("appqueue") ;
await queu.CreateIfNotExistsAsync() ;

CloudQueueMessage peekedMessage = await queue.PeekMessageAsync() ;
if (peekedMessage != null)
{
     Console.WriteLine("The peeked message is: {0}", peekedMessage.AsString)
}
CloudQueueMessage message = await queue.GetMessageAsync() ;
```

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

NOTE: Each correct selection is worth one point.

Statement	Yes	No
The code configures the lock duration for the queue.	○	○
The last message read remains in the queue after the code runs.	○	○
The storage queue remains in the storage account after the code runs.	○	○

Answer:

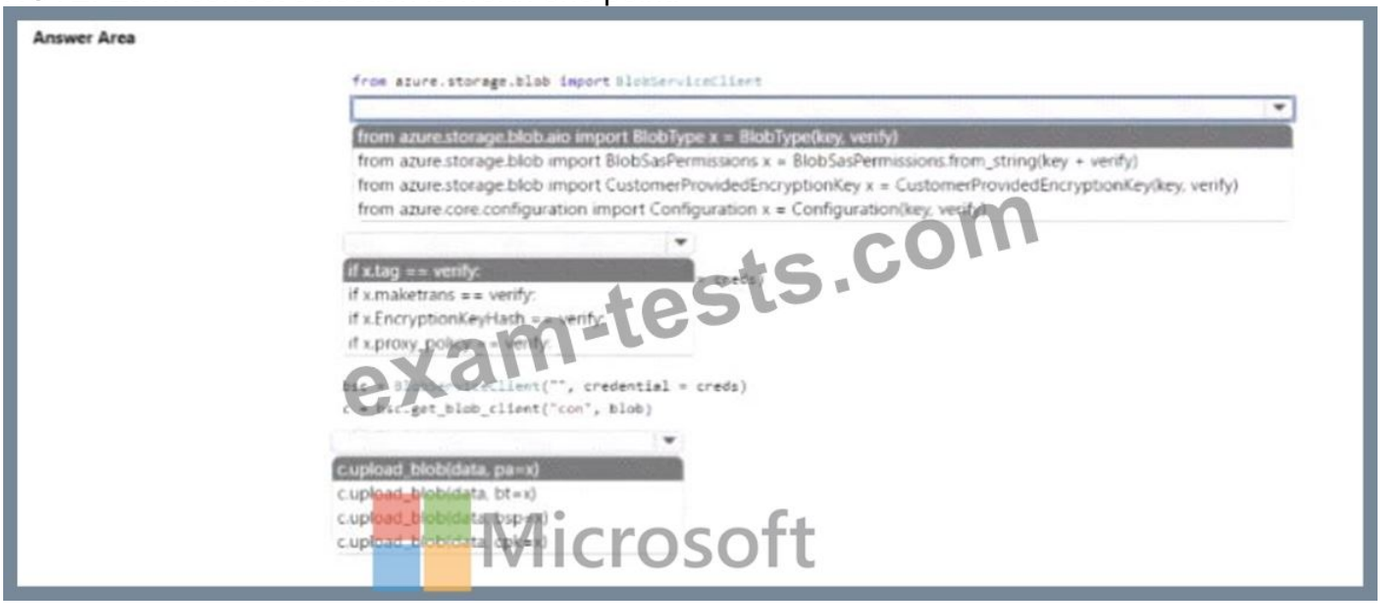
Statement	Yes	No
The code configures the lock duration for the queue.	○	○
The last message read remains in the queue after the code runs.	○	○
The storage queue remains in the storage account after the code runs.	○	○

Explanation

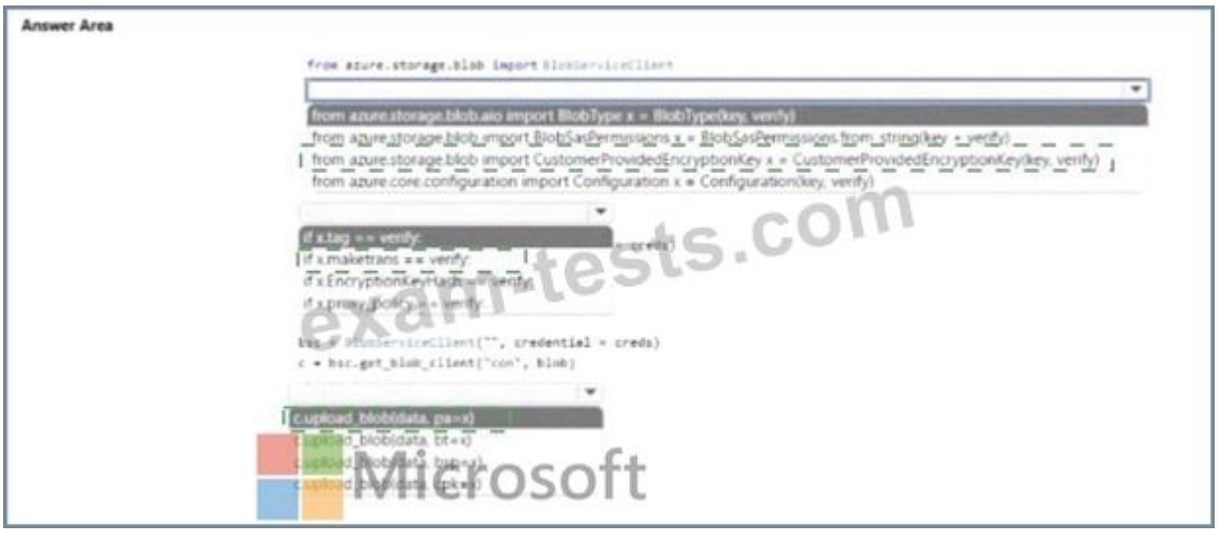
Statement	Yes	No
The code configures the lock duration for the queue.	○	○
The last message read remains in the queue after the code runs.	○	○
The storage queue remains in the storage account after the code runs.	○	○

Box 1: No
The QueueDescription.LockDuration property gets or sets the duration of a peek lock; that is, the amount of time that the message is locked for other receivers. The maximum value for LockDuration is 5 minutes; the default value is 1 minute.
Box 2: Yes
You can peek at the message in the front of a queue without removing it from the queue by calling the PeekMessage method.
Box 3: Yes
Reference:
https://docs.microsoft.com/en-us/azure/storage/queues/storage-dotnet-how-to-use-queues
https://docs.microsoft.com/en-us/dotnet/api/microsoft.servicebus.messaging.queuedescription.lockduration

NEW QUESTION: 149
You are building an application that stores sensitive customer data in Azure Blob storage. The data must be encrypted with a key that is unique for each customer.
If the encryption key has been corrupted it must not be used for encryption.
You need to ensure that the blob is encrypted.
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:



Explanation

Graphical user interface, application Description automatically generated

NEW QUESTION: 150

Drag and Drop Question

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.

Answer:

Explanation:

To create an internal load balancer, create a service manifest named internal-lb.yaml with the service type LoadBalancer and the azure-load-balancer-internal annotation as shown in the following example:

YAML:

apiVersion: v1

kind: Service

metadata:

name: internal-app

annotations:

service.beta.kubernetes.io/azure-load-balancer-internal: "true" spec:
type: LoadBalancer

ports:

port: 80

selector:

app: internal-app

References:

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

NEW QUESTION: 151

You are developing an Azure Function app.

The app must meet the following requirements:

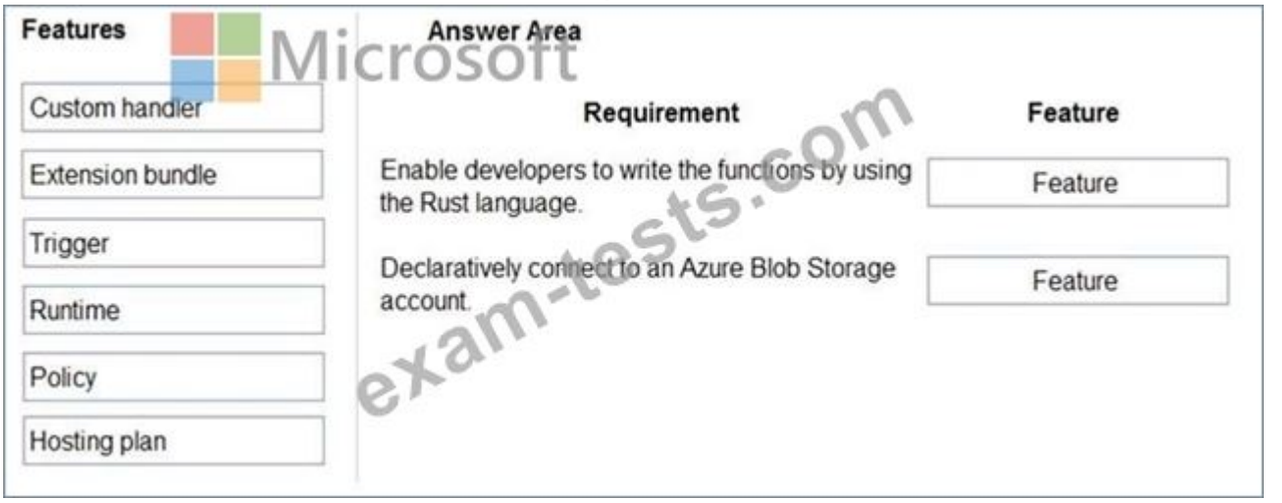
Enable developers to write the functions by using the Rust language.

Declaratively connect to an Azure Blob Storage account.

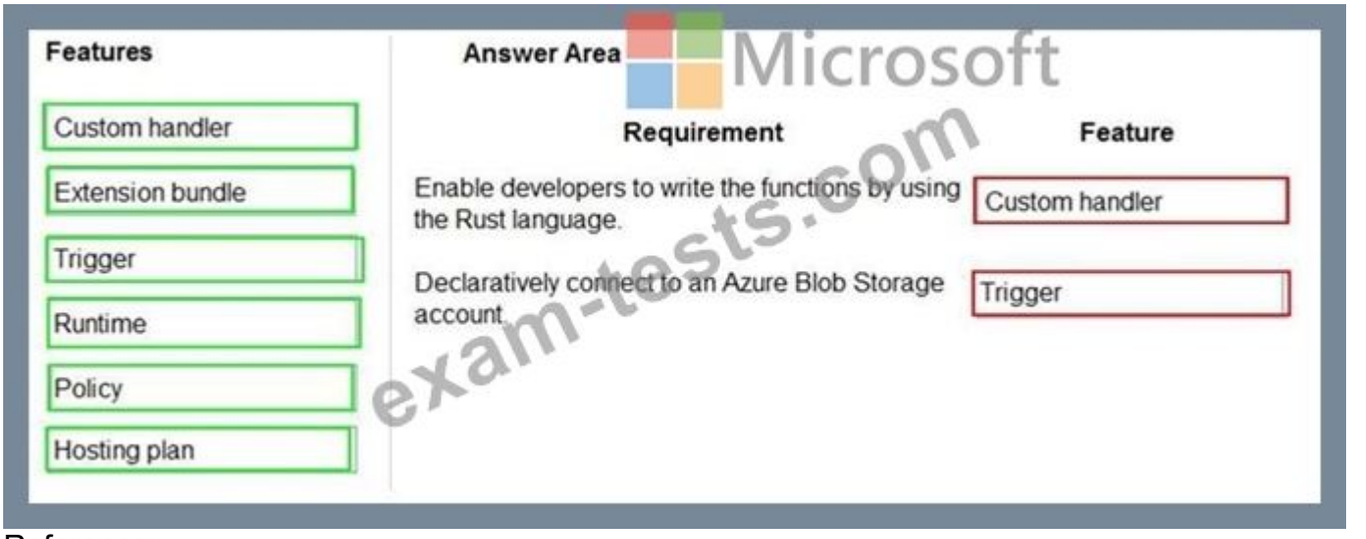
You need to implement the app.

Which Azure Function app 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.



Answer:



Reference:
https://docs.microsoft.com/en-us/azure/azure-functions/create-first-function-vs-code-other
https://docs.microsoft.com/en-us/dotnet/architecture/serverless/azure-functions

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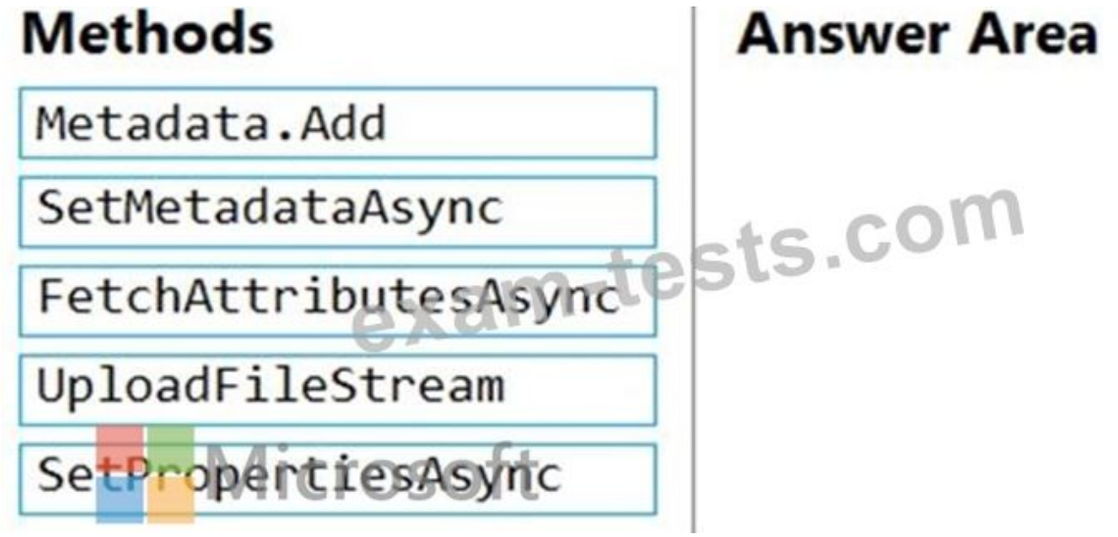
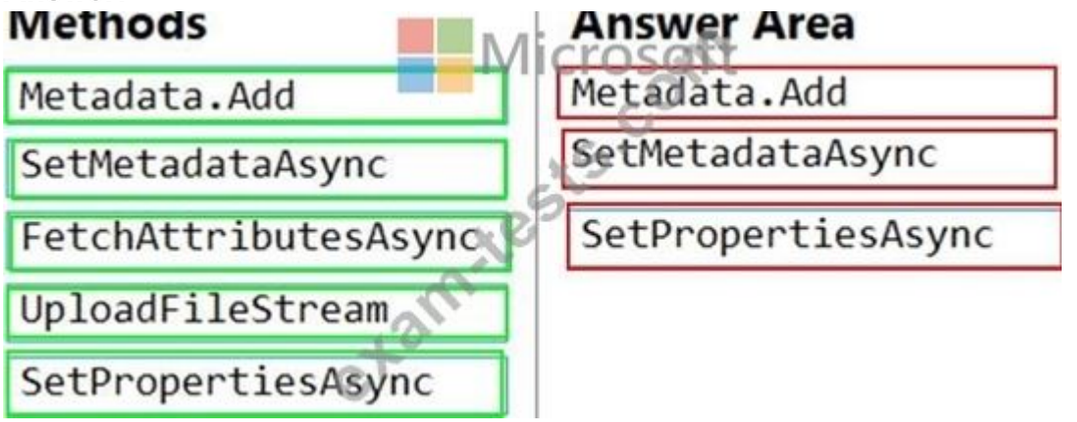
NEW QUESTION: 152
You have an application that uses Azure Blob storage.
You need to update the metadata of the blobs.
Which three methods should you use to develop the solution? To answer, move the appropriate methods from the list of methods to the answer area and arrange them in the correct order.



Answer:



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

NEW QUESTION: 153

You are developing Azure WebJobs.

You need to recommend a WebJob type for each scenario.

Which WebJob type should you recommend? To answer, drag the appropriate WebJob types to the correct scenarios. Each WebJob type 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.

Answer:

Reference:
https://docs.microsoft.com/en-us/azure/app-service/web-sites-create-web-jobs

NEW QUESTION: 154

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 solution to collect point-of-sale fPOS) device data from 2,000 stores located throughout the world. A single device can produce 2 megabytes (MB) of data every 24 hours. Each store location has one to five devices that send data.

You must store the device data in Azure Blob storage. Device data must be correlated based on a device identifier. Additional stores are expected to open in the future.

You need to implement a solution to receive the device data.

Solution: Provision an Azure Event Hub. Configure the machine identifier as the partition key and enable capture.

A. Yes

B. No

Answer: A (LEAVE A REPLY)

Reference:
https://docs.microsoft.com/en-us/azure/event-hubs/event-hubs-programming-guide

NEW QUESTION: 155

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?

A. Option A

B. Option B

C. Option C

D. Option D

Answer: B (LEAVE A REPLY)

Explanation

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) References:

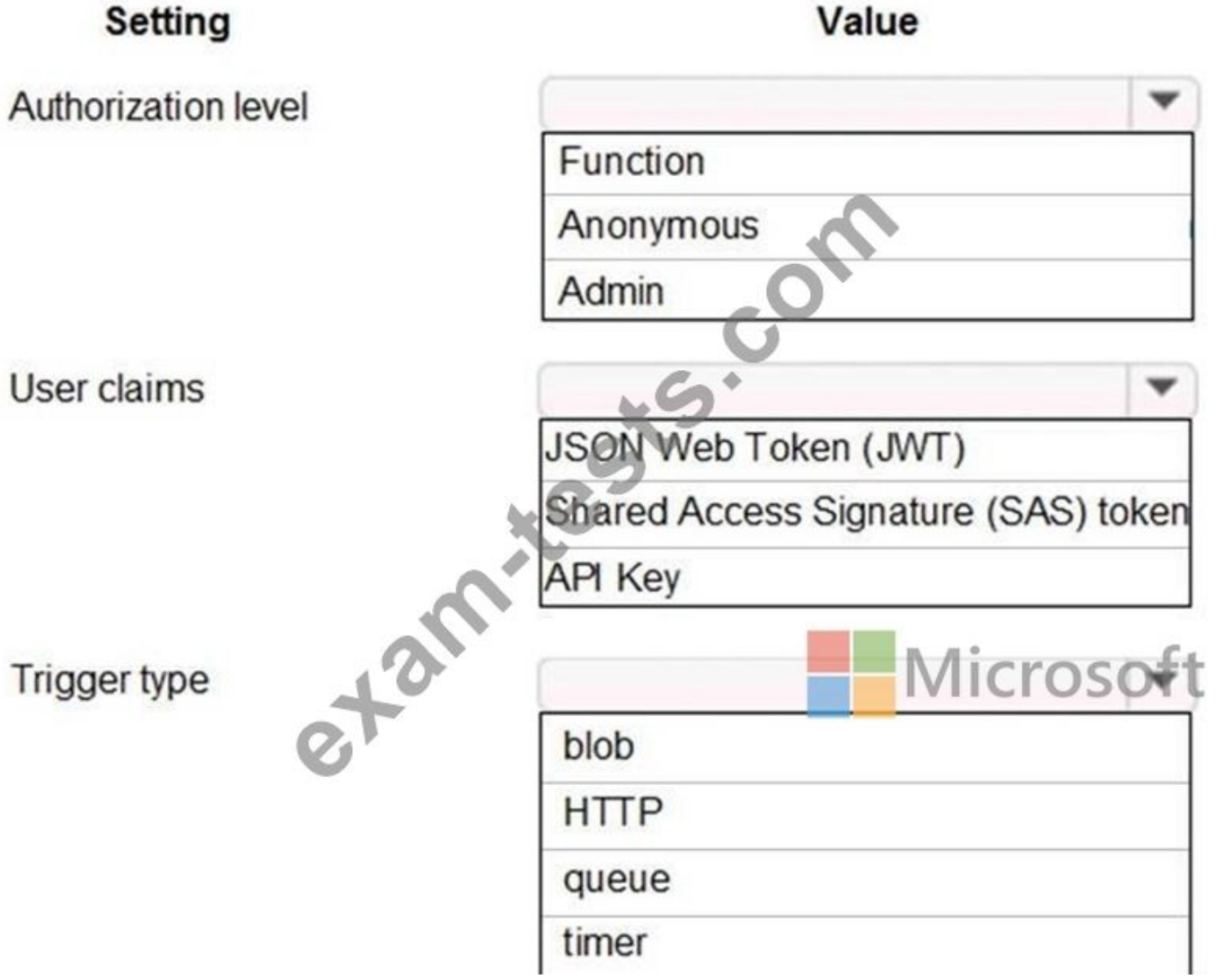
https://docs.microsoft.com/en-us/azure/service-bus-messaging/service-bus-quickstart-cli

NEW QUESTION: 156

You need to secure the Shipping Function app.

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

NOTE: Each correct selection is worth one point.



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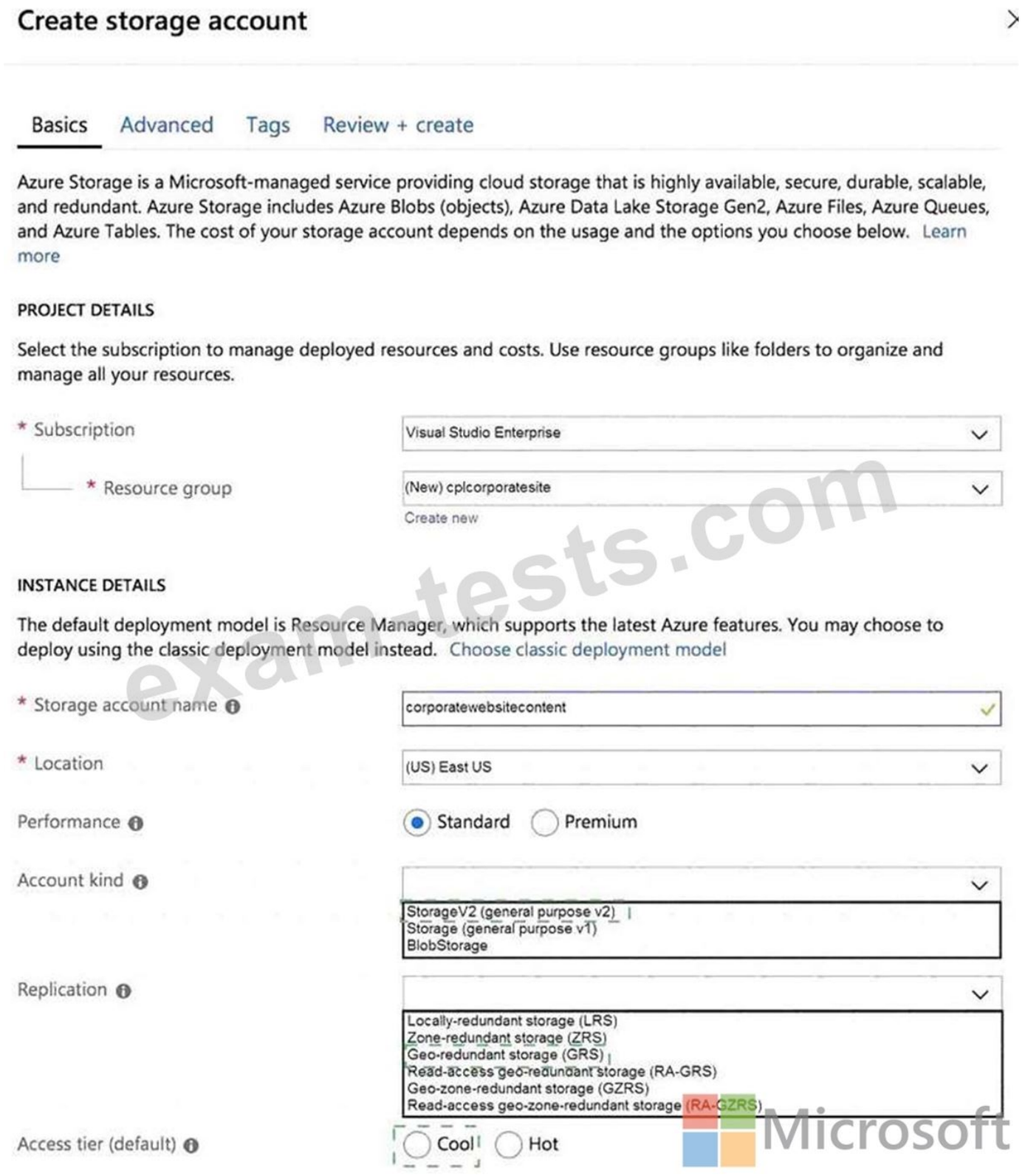
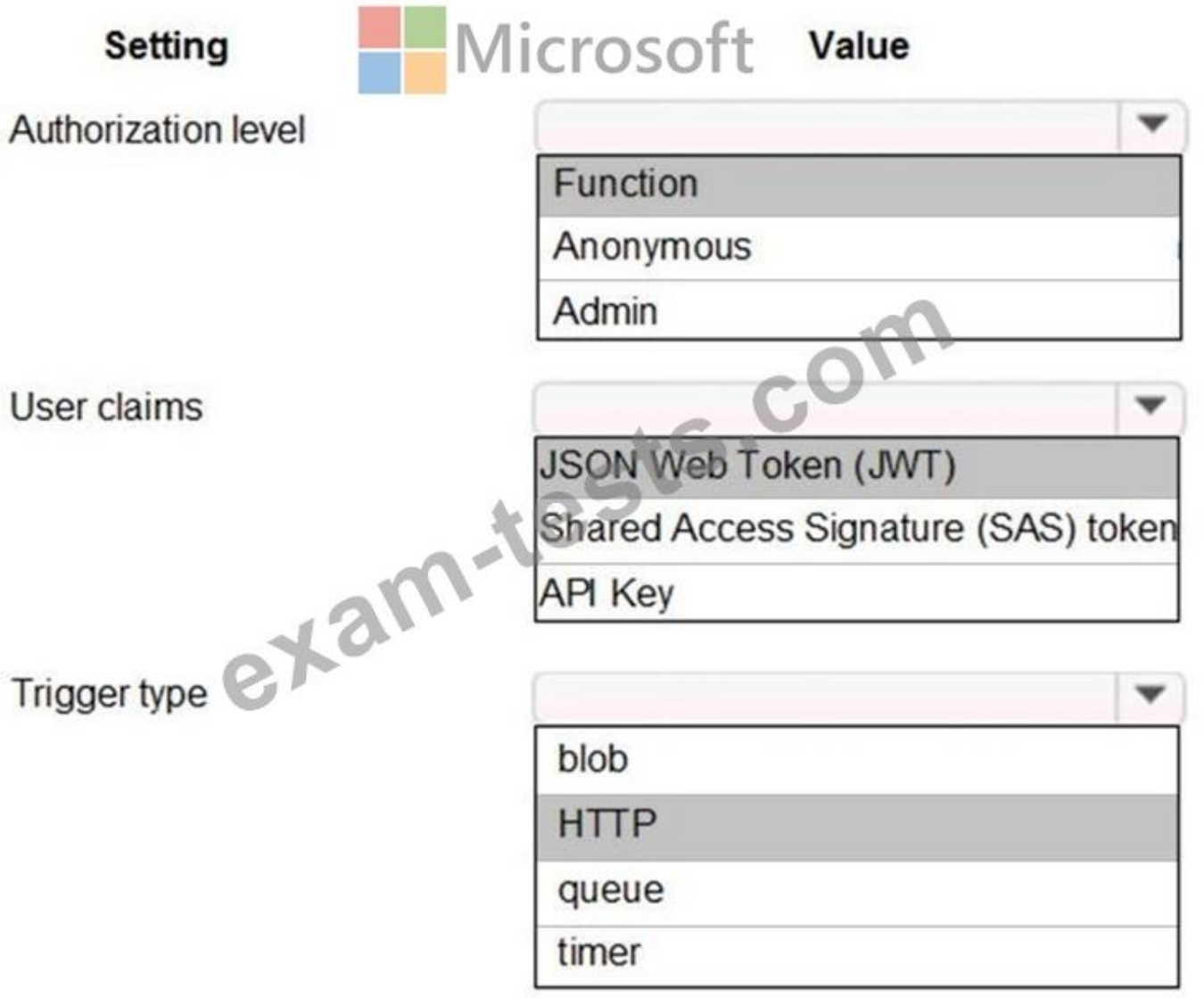
Answer:



exam-tests.com
Microsoft

Explanation



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

Box 1: Function

Box 2: JSON based Token (JWT)

Azure AD uses JSON based tokens (JWTs) that contain claims

Box 3: HTTP

How a web app delegates sign-in to Azure AD and obtains a token

User authentication happens via the browser. The OpenID protocol uses standard HTTP protocol messages.

References:

https://docs.microsoft.com/en-us/azure/active-directory/develop/authentication-scenarios

NEW QUESTION: 157

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: (SHOW ANSWER)
Explanation
Instead pass the HTTP trigger payload into an Azure Service Bus queue to be processed by a queue trigger function and return an immediate HTTP success response.
Note: Large, long-running functions can cause unexpected timeout issues. General best practices include:
Whenever possible, refactor large functions into smaller function sets that work together and return responses fast. For example, a webhook or HTTP trigger function might require an acknowledgment response within a certain time limit; it's common for webhooks to require an immediate response. You can pass the HTTP trigger payload into a queue to be processed by a queue trigger function. This approach lets you defer the actual work and return an immediate response.
Reference:
https://docs.microsoft.com/en-us/azure/azure-functions/functions-best-practices

NEW QUESTION: 158
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:

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 Area

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

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

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

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

Explanation

Step 1: Get-AzSubscription

If you have multiple subscriptions, you might have to specify the one that was used to create your key vault.

Enter the following to see the subscriptions for your account:

Get-AzSubscription

Step 2: Set-AzContext -SubscriptionId

To specify the subscription that's associated with the key vault you'll be logging, enter:

Set-AzContext -SubscriptionId <subscriptionID>

Step 3: Get-AzStorageAccountKey

You must get that storage account key.

Step 4: $secretvalue = ConvertTo-SecureString <storageAccountKey> -AsPlainText -Force Set-AzKeyVaultSecret -VaultName <vaultName> -Name <secretName> -SecretValue $secretvalue

After retrieving your secret (in this case, your storage account key), you must convert that key to a secure string, and then create a secret with that value in your key vault.

Step 5: Get-AzKeyVaultSecret

Next, get the URI for the secret you created. You'll need this URI in a later step to call the key vault and retrieve your secret. Run the following PowerShell command and make note of the ID value, which is the secret's URI:

Get-AzKeyVaultSecret -VaultName <vaultName>

Reference:

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

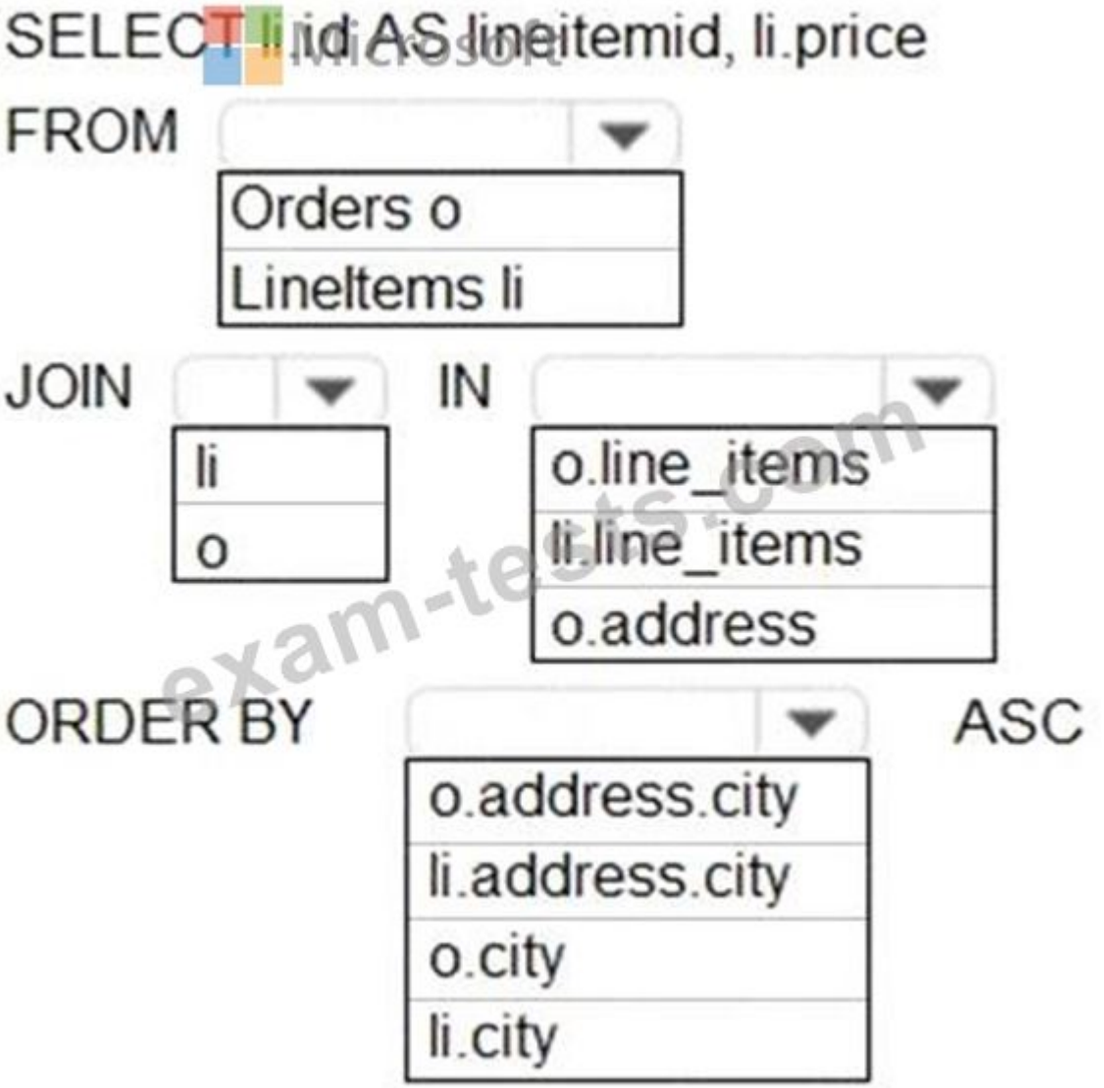
NEW QUESTION: 159

You are developing an e-commerce solution that uses a microservice architecture.

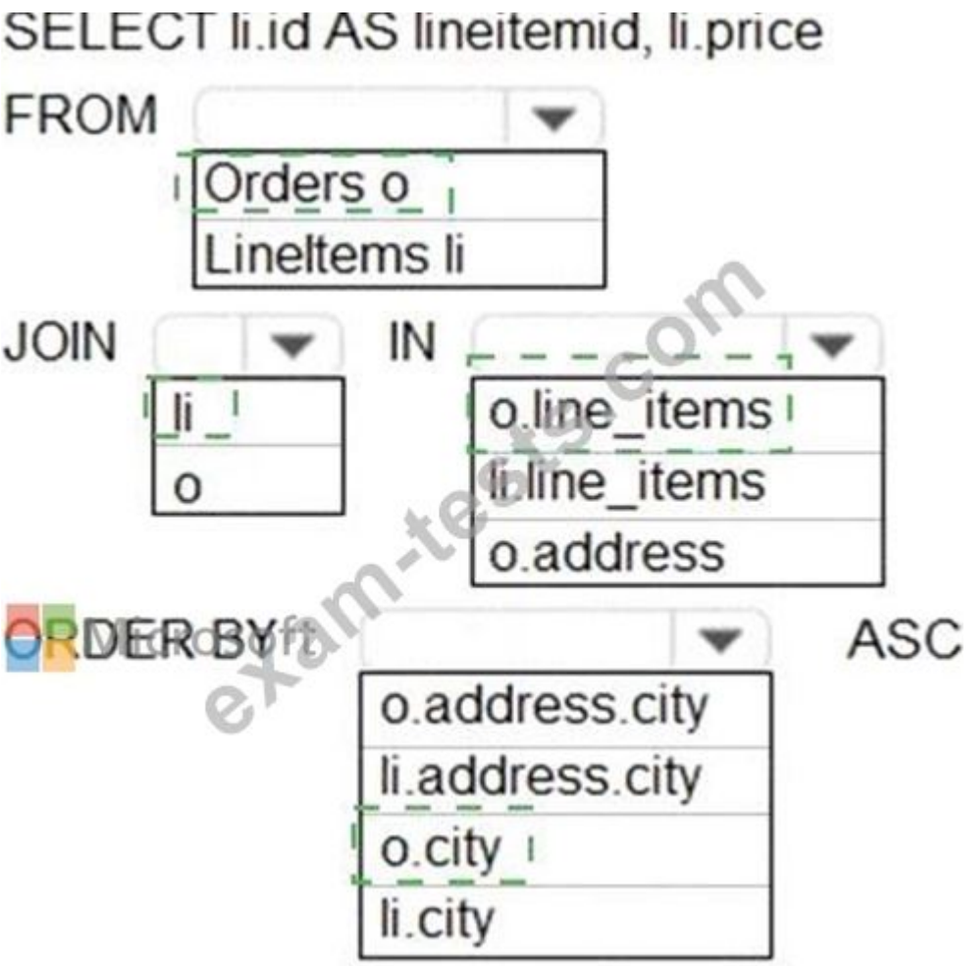
You need to design a communication backplane for communicating transactional messages between various parts of the solution. Messages must be communicated in first-in-first-out (FIFO)

order.
What should you use?
A. Azure Storage Queue
B. Azure Event Hub
C. Azure Service Bus
D. Azure Event Grid
Answer: (SHOW ANSWER)
Explanation
As a solution architect/developer, you should consider using Service Bus queues when:
Your solution requires the queue to provide a guaranteed first-in-first-out (FIFO) ordered delivery.
Reference:
https://docs.microsoft.com/en-us/azure/service-bus-messaging/service-bus-azure-and-service-bus-queues-comp

NEW QUESTION: 160
You need to retrieve all order line items from Order.json and sort the data alphabetically by the city.
How should you complete the code? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

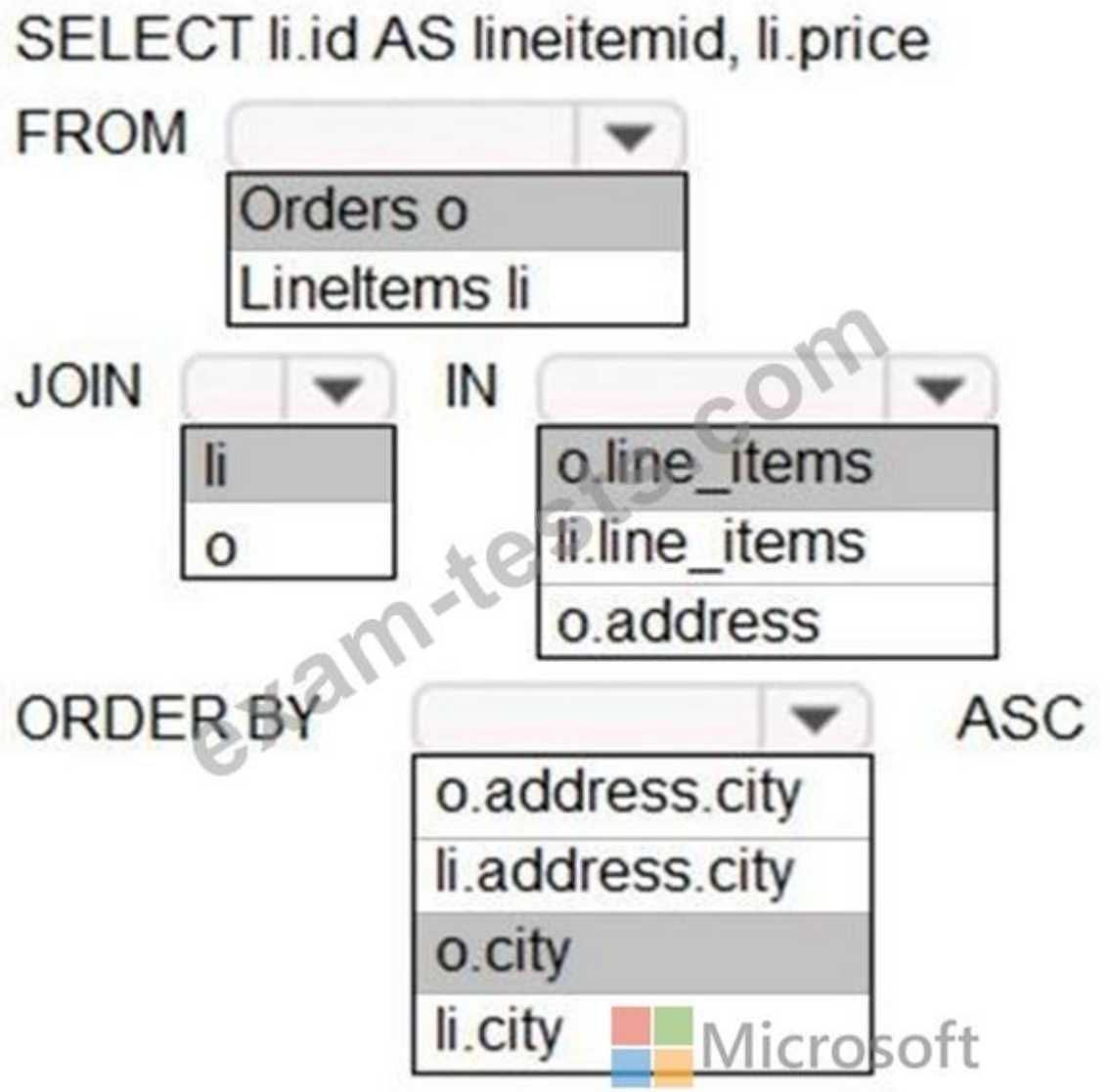

SELECT li.id AS lineitemid, li.price
FROM
Orders o
LineItems li
JOIN
li
o
IN
o.line_items
li.line_items
o.address
ORDER BY
ASC
o.address.city
li.address.city
o.city
li.city

Answer:



Explanation

Graphical user interface Description automatically generated



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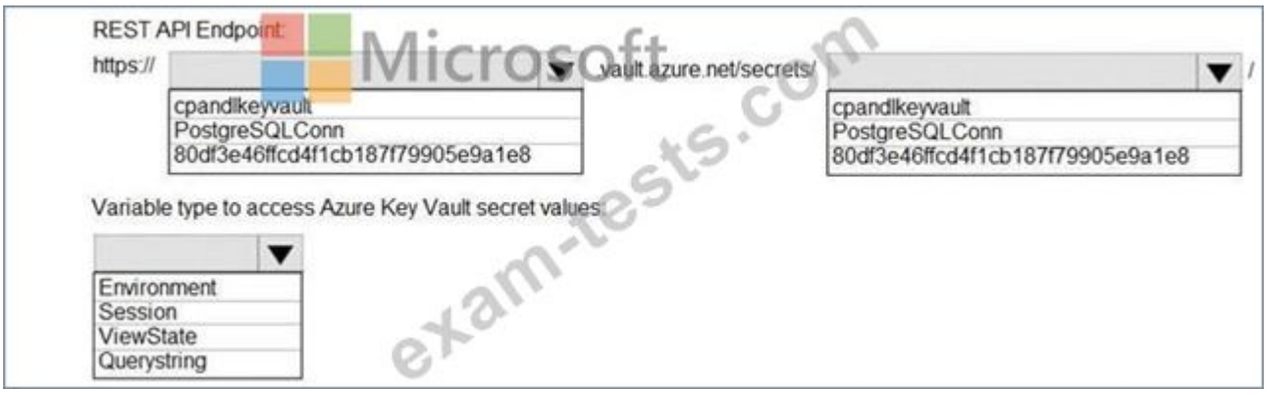
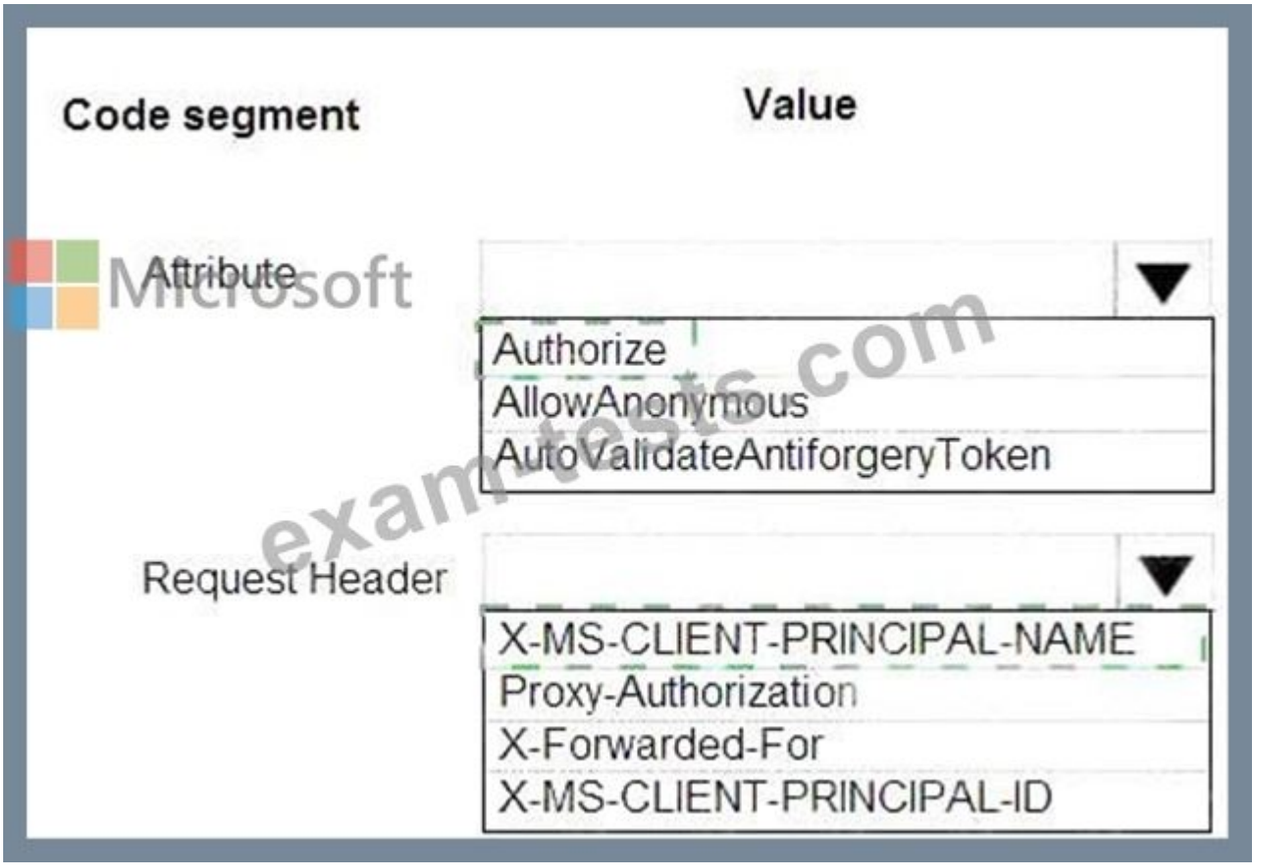
Box 1: orders o
Scenario: Order data is stored as nonrelational JSON and must be queried using SQL.
Box 2:li
Box 3: o.line_items
Box 4: o.city
The city field is in Order, not in the 2s.

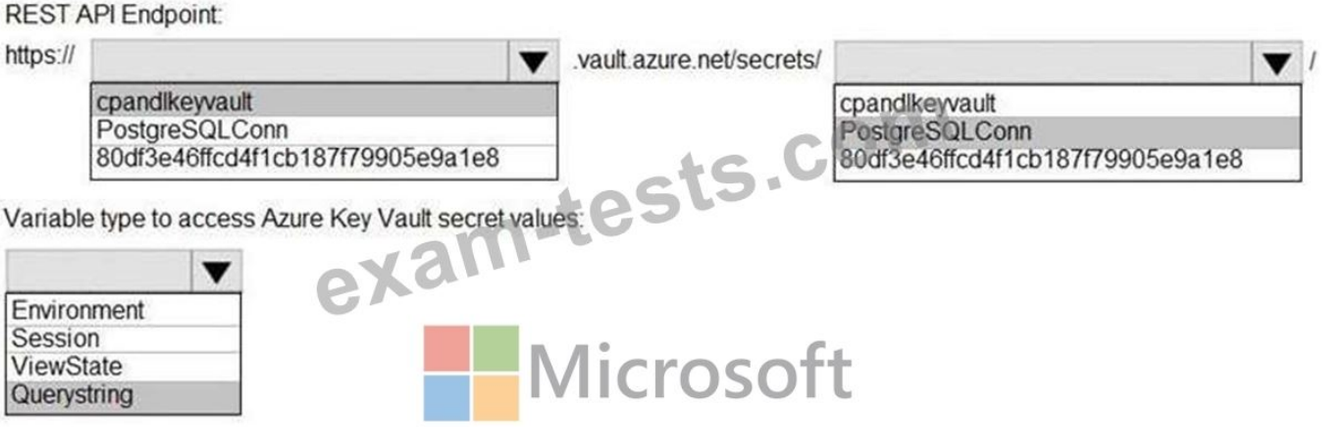
NEW QUESTION: 161
You need to retrieve the database connection string.
Which values should you use? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.



Answer:



Explanation

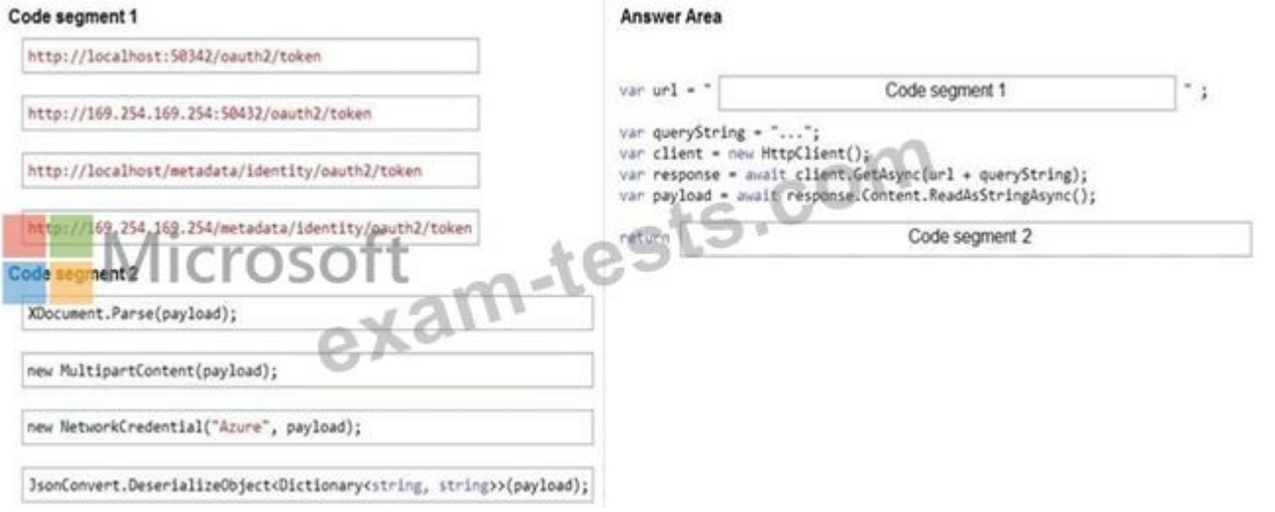


Azure database connection string retrieve REST API vault.azure.net/secrets/ Box 1: cpandlkeyvault We specify the key vault, cpandlkeyvault.

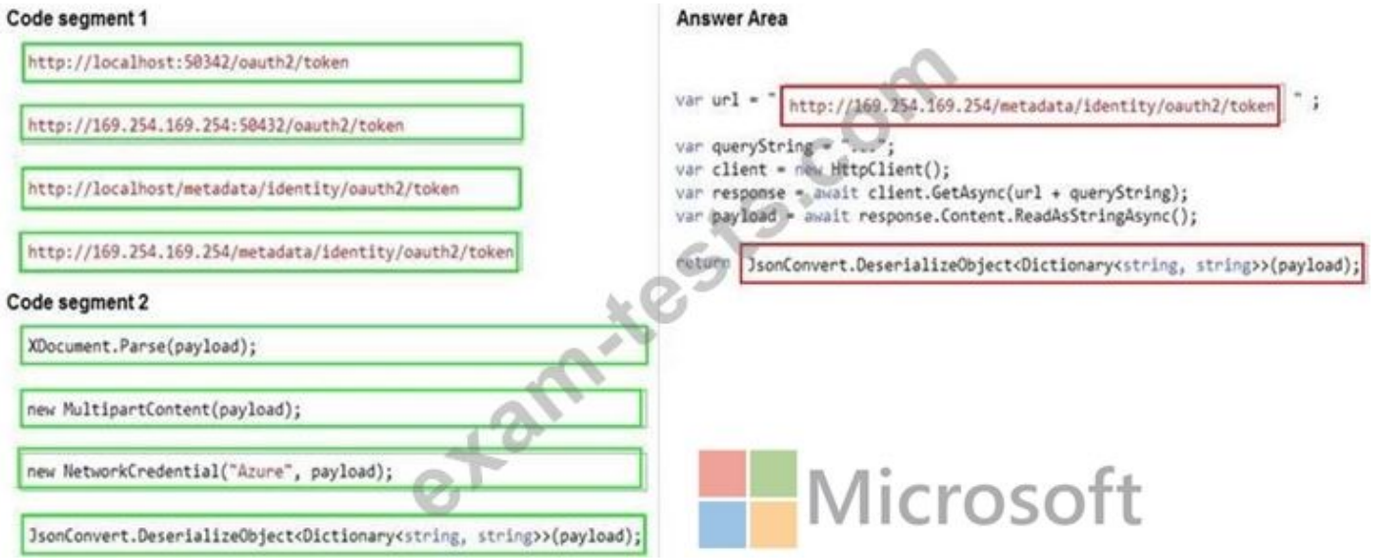
Scenario: The database connection string is stored in Azure Key Vault with the following

attributes:
Azure Key Vault name: cpandlkeyvault
Secret name: PostgreSQLConn
Id: 80df3e46ffcd4f1cb187f79905e9a1e8
Box 2: PostgreSQLConn
We specify the secret, PostgreSQLConn
Example, sample request:
https://myvault.vault.azure.net//secrets/mysecretname/4387e9f3d6e14c459867679a90fd0f79?api-version=7.1 Box 3: Querystring Reference:
https://docs.microsoft.com/en-us/rest/api/keyvault/getsecret/getsecret

NEW QUESTION: 162
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.

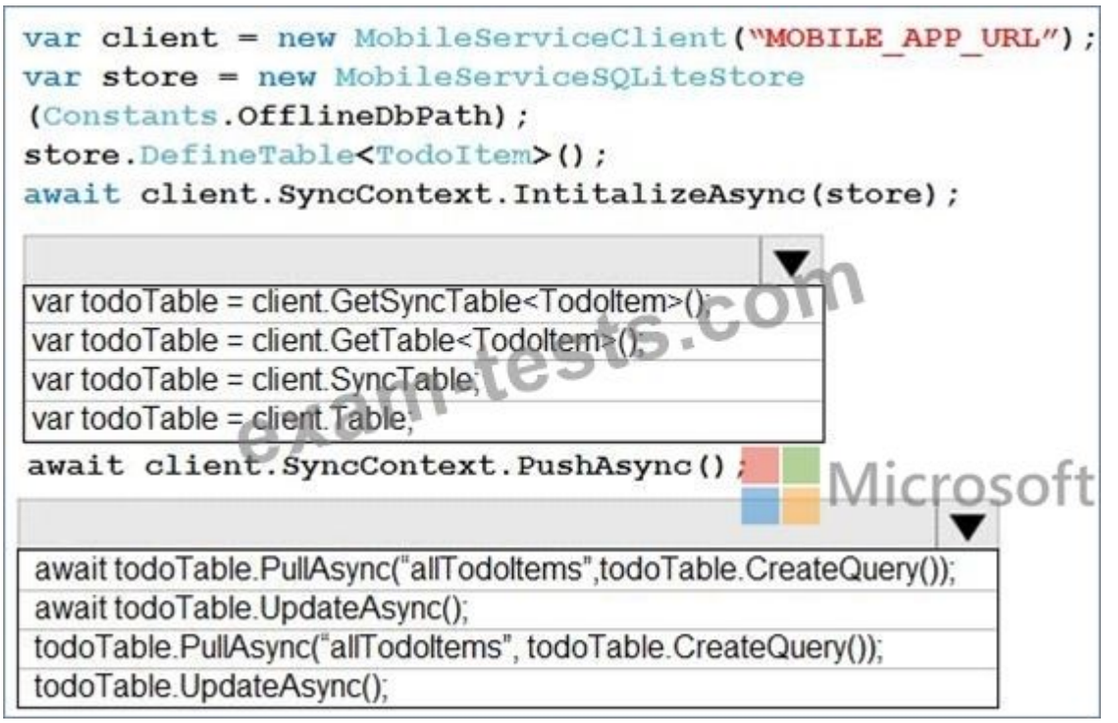


Answer:

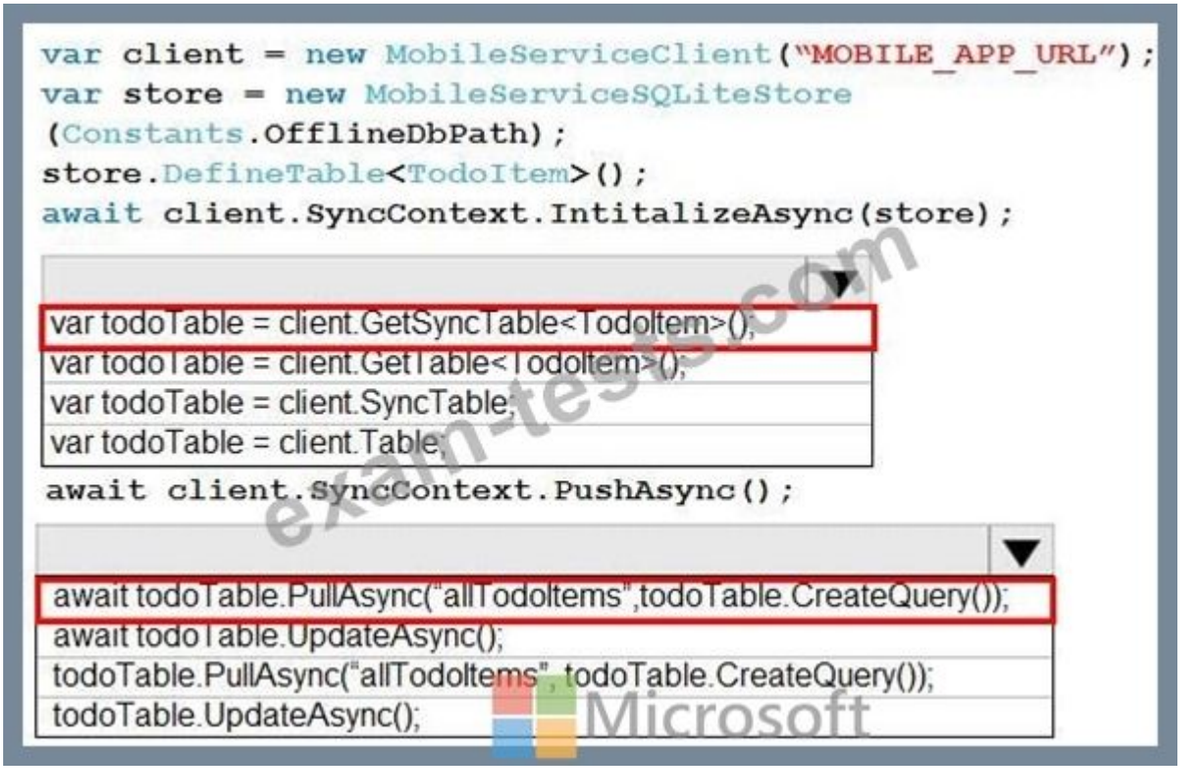


Reference:
https://docs.microsoft.com/en-us/azure/active-directory/managed-identities-azure-resources/how-to-use-vm-token
https://docs.microsoft.com/en-us/azure/service-fabric/how-to-managed-identity-service-fabric-app-code

NEW QUESTION: 163
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.



Answer:



Explanation:

Box 1: var todoTable = client GetSyncTable<TodoItem>()

To setup offline access, when connecting to your mobile service, use the method GetSyncTable instead of GetTable (example):

IMobileServiceSyncTable todoTable = App.MobileService.GetSyncTable(); / Box 2: await todoTable.PullAsync("allTodoItems",todo.Table.CreateQuery()); Your app should now use IMobileServiceSyncTable (instead of IMobileServiceTable) for CRUD operations. This will save changes to the local database and also keep a log of the changes. When the app is ready to synchronize its changes with the Mobile Service, use the methods PushAsync and PullAsync

(example):
await App.MobileService.SyncContext.PushAsync();
await todoTable.PullAsync();
References:
https://azure.microsoft.com/es-es/blog/offline-sync-for-mobile-services/

NEW QUESTION: 164
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: Update the web.config file to include the applicationInitialization configuration element. Specify custom initialization actions to run the scripts.
Does the solution meet the goal?
A. Yes
B. No
Answer: (SHOW ANSWER)
Specify custom warm-up.
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: 165
You implement an Azure solution to include Azure Cosmos DB. the latest Azure Cosmos DB SDK, and the Azure Cosmos DB for NoSQL API. You also implement a change feed processor on a new container instance by using the Azure Functions trigger for Azure Cosmos DB.
A large batch of documents continues to fail when reading one of the documents in the batch.

The same batch of documents is continuously retried by the triggered function and a new batch of documents must be read.

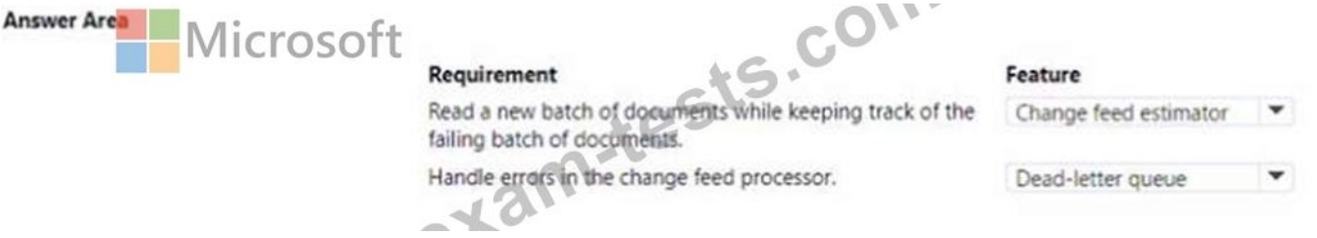
You need to implement the change feed processor to read the documents.

Which feature should you implement? To answer, select the appropriate features in the answer area.

NOTE: Each correct selection is worth one point.

Answer:

Explanation

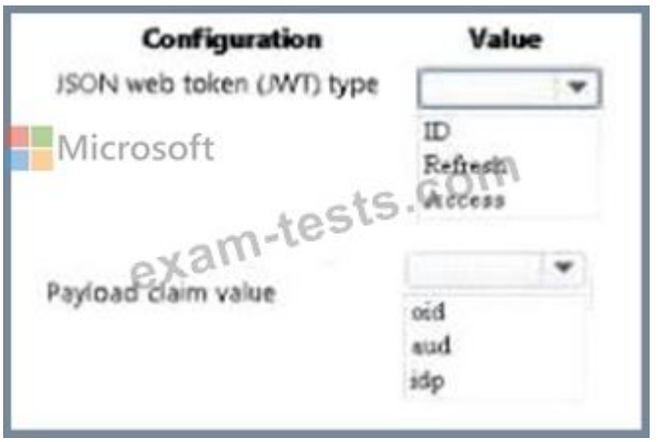


NEW QUESTION: 166

YOU need to reliably identify the delivery driver profile information.

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

NOTE Each correct selection is worth one point.



Answer:

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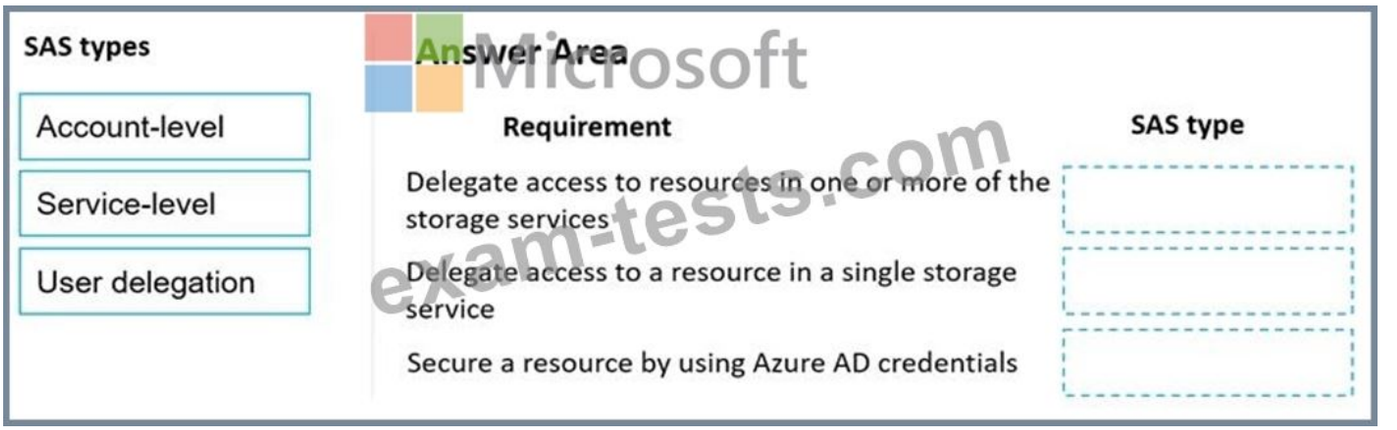
NEW QUESTION: 167

An organization plans to deploy Azure storage services.

You need to configure shared access signature (SAS) for granting access to Azure Storage.

Which SAS types should you use? To answer, drag the appropriate SAS types to the correct requirements. Each SAS type 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.



Answer:

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

NEW QUESTION: 168
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)
Explanation
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

Topic 6, Coho Winery

Case study

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 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 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.

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.
* External partner logins must be audited monthly for application use by a user account administrator to maintain company compliance.
* Storage of e-commerce application settings must be maintained in Azure Key Vault.

* 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

```
{
  “id” : 1,
  “customers” : [
  {
     “familyName” : “Doe”,
     “givenName” : “John”,
     “customerid” : 5
   }
  ],
  “line_items” : [
  {
     “fulfillable_quantity” : 1,
     “id” : 6,
     “price” : “199.99” ,
     “product_id” : 7513594,
     “quantity”: 1,
     “requires_shipping” : true ,
     “sku” : “SFC-342-N” ,
     “title”: “Surface Go” ,
     “vendor” : “Microsoft” ,
     “name” : “Surface Go – 8GB”,
     “taxable” : true ,
     “tax_lines” : [
     {
       “title” : “State Tax” ,
       “price” : “3.98” ,
       “rate” : 0.06
      }
     ],
     “total_discount” : “5.00” ,
     “discount_allocations” : [
      {
        “amount” : “5.00” ,
        “discount_application_index” : 2
        }
     ]
   }
  ],
  “address” : {
  “state” : “NY” ,
  “state”: “Manhattan” ,
  “city” : “NY”
  }
}
```

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NEW QUESTION: 169

You are building a website to access project data related to terms within your organization. The website does not allow anonymous access. Authentication performed using an Azure Active

Directory (Azure AD) app named internal.

The website has the following authentication requirements:

* Azure AD users must be able to login to the website.
* Personalization of the website must be based on membership in Active Directory groups.

You need to configure the application's manifest to meet the authentication requirements.

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

NOTE: Each correct selection is worth one point.

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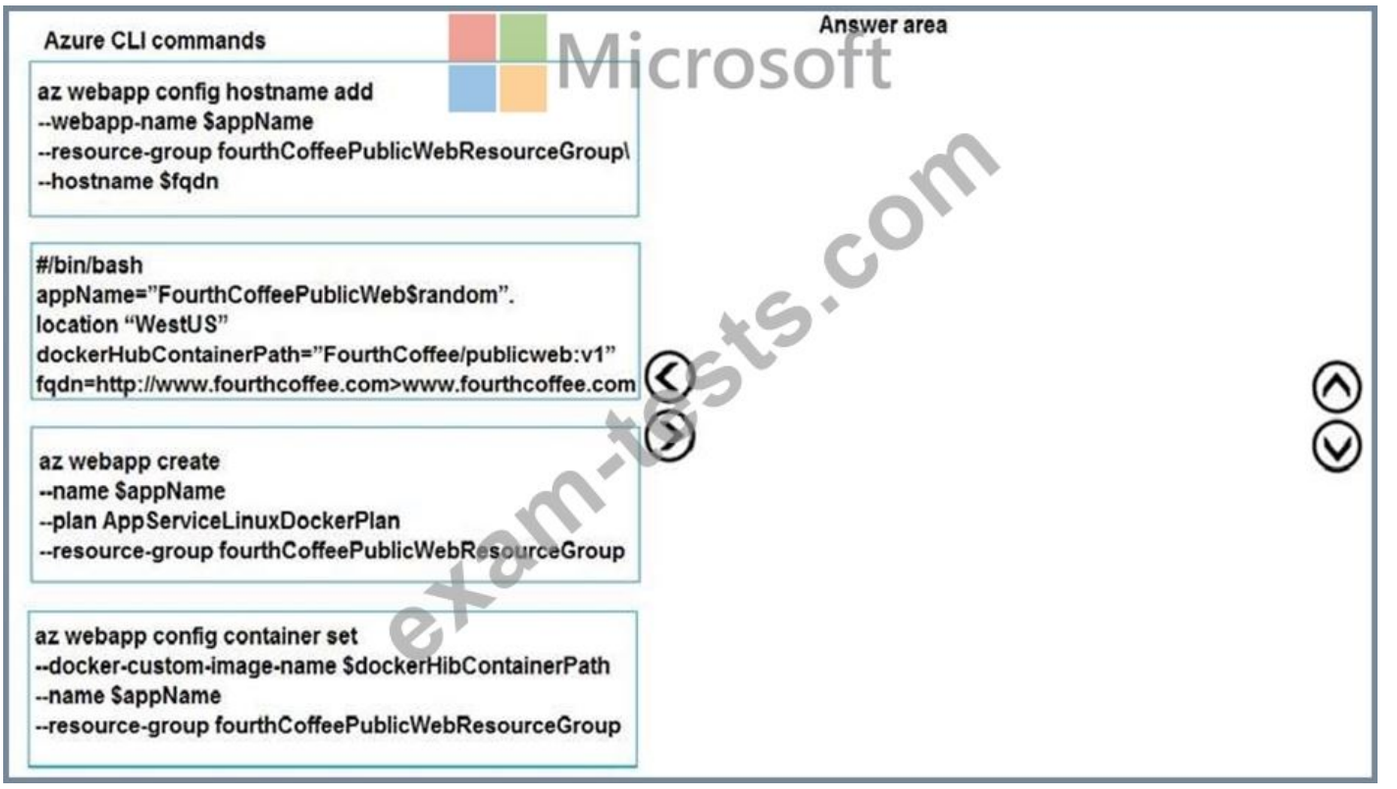
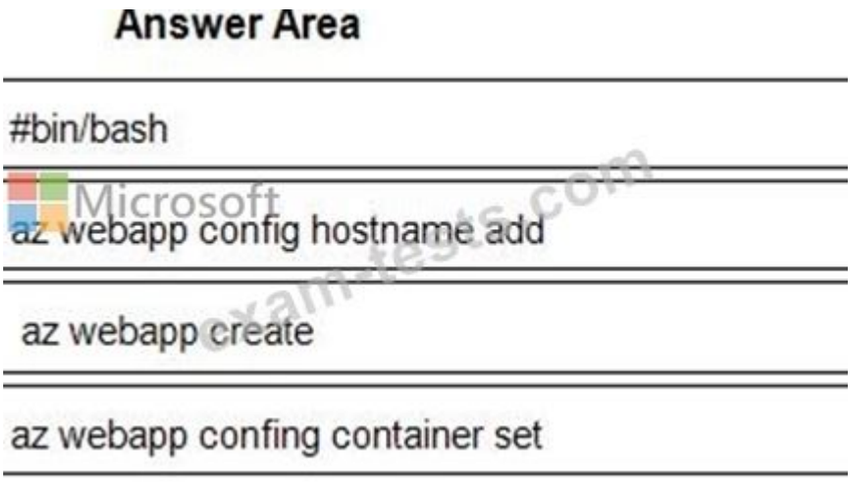
Answer:

Reference:
https://docs.microsoft.com/en-us/azure/active-directory/hybrid/how-to-connect-fed-group-claims

NEW QUESTION: 170
Fourth Coffee has an ASP.NET Core web app that runs in Docker. The app is mapped to the www.fourthcoffee.com domain.
Fourth Coffee is migrating this application to Azure.
You need to provision an App Service Web App to host this docker image and map the custom domain to the App Service web app.
A resource group named FourthCoffeePublicWebResourceGroup has been created in the WestUS region that contains an App Service Plan named AppServiceLinuxDockerPlan.
Which order should the CLI commands be used to develop the solution? To answer, move all of the Azure CLI command from the list of commands to the answer area and arrange them in the correct order.



Answer:



1 - #bin/bash

2 - az webapp config hostname add

3 - az webapp create

4 - az webapp confing container set

Reference:

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

NEW QUESTION: 171

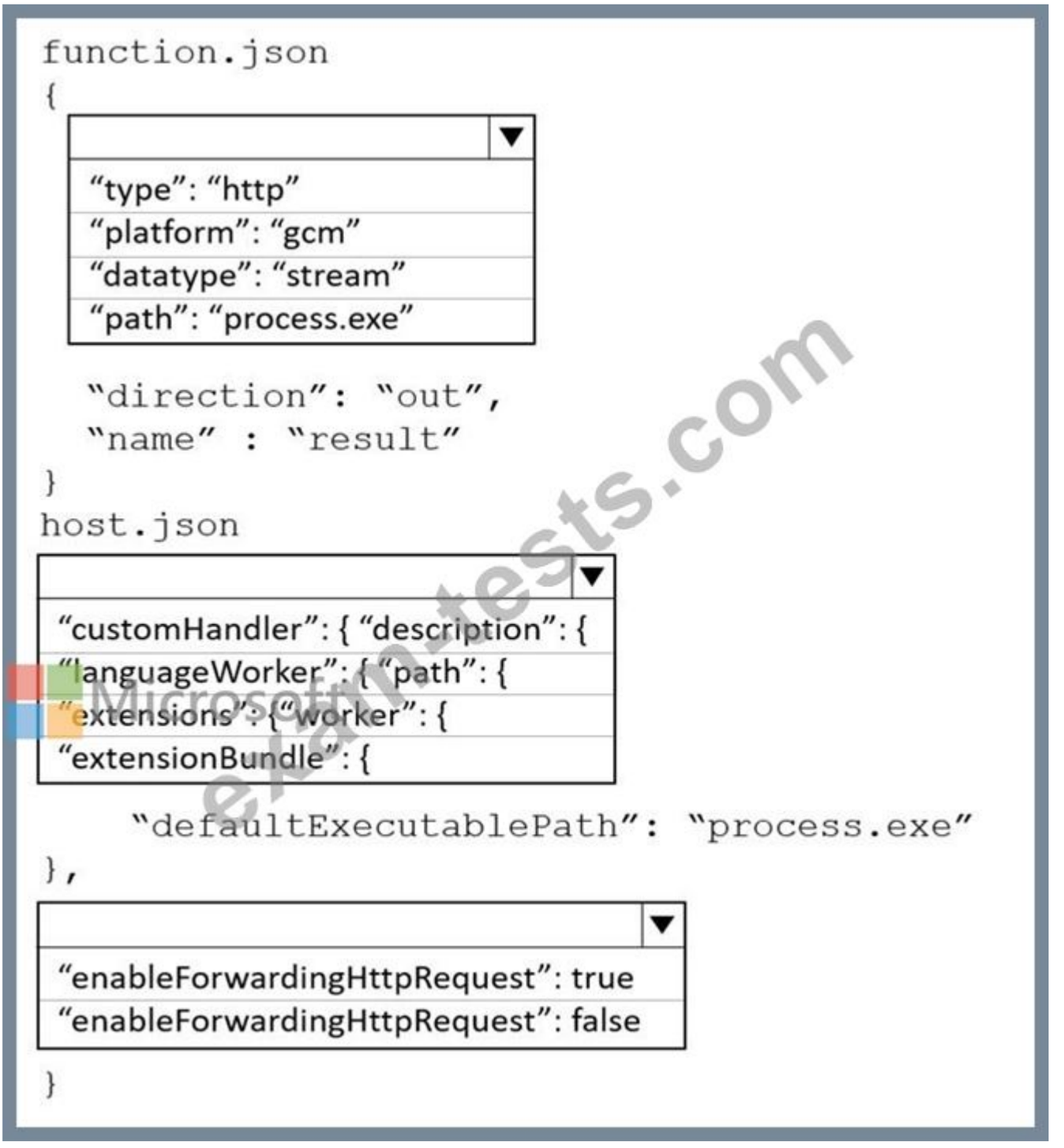
You use Azure Table storage to store customer information for an application. The data contains customer details and is partitioned by last name. You need to create a query that returns all customers with the last name Smith. Which code segment should you use?

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")); References: https://docs.microsoft.com/en-us/azure/cosmos-db/table-storage-how-to-use-dotnet

NEW QUESTION: 172
You are developing a C+ + application that compiles to a native application named process.exe. The application accepts images as input and returns images in one of the following image formats: GIF, PNG, or JPEG.
You must deploy the application as an Azure Function.
You need to configure the function and host json files.
How should you complete the json files? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.



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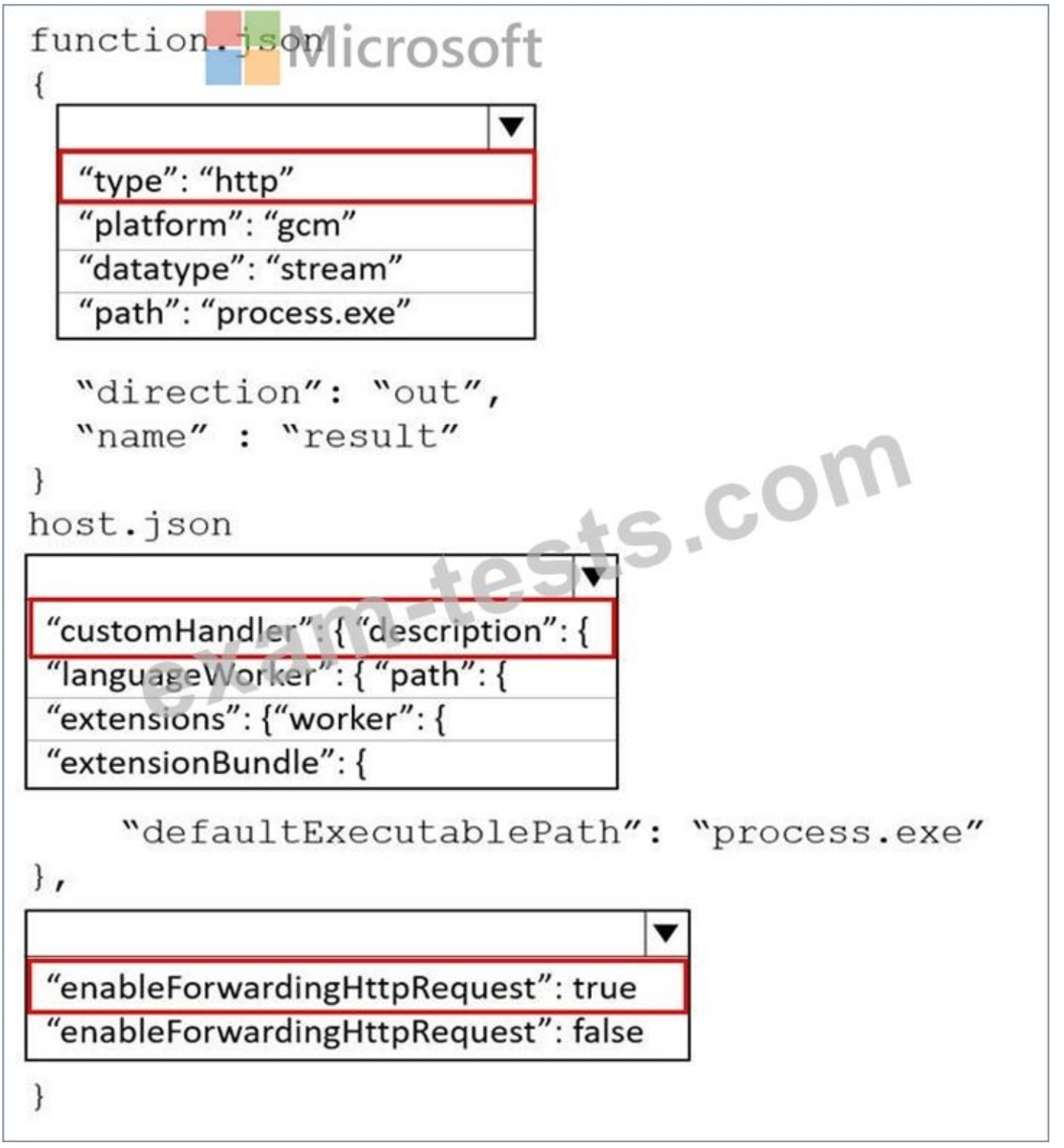
Answer:



NEW QUESTION: 173

Hotspot Questions

You have an app that stores player scores for an online game. The app stores data in Azure tables using a class named PlayerScore as the table entity. The table is populated with 100,000 records.

You are reviewing the following section of code that is intended to retrieve 20 records where the player score exceeds 15,000. (Line numbers are included for reference only.)

```
{
   Table Query<DynamicTableEntity> query = new TableQuery<DynamicTableEntity>().Select(new string[] { "Score"
      .Where(TableQuery.GenerateFilterConditionForInt("Score", QueryComparisons.GretaerThanOrEqual, 15000)).Tak
0);
   EntityResolver<KeyValuePair<string, int?>> resolver =
    (partitionKey, rowKey, ts, props, etag) => new KeyValuePair<string, int?>(rowKey, props["Score"].Int32Value
   foreach (var scoreItem in scoreTable.ExecuteQuery (query, resolver, null, null))
   {
    Console.Writeline($"{scoreItem.Key} {scoreItem.Value}");
   }
  }

 public class PlayerScore : TableEntity
 {
   public PlayerScore(string gameId, string playerId, int score, long timePlayed)
   {
     PartitionKey = gameId;
     RowKey = playerId;
     Score = score;
     TimePlayed = timePlayed;
   }
   public int Score { get; set; }
   public long TimePlayed { get; set; }
```

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.CreateCloudTableClinet();
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

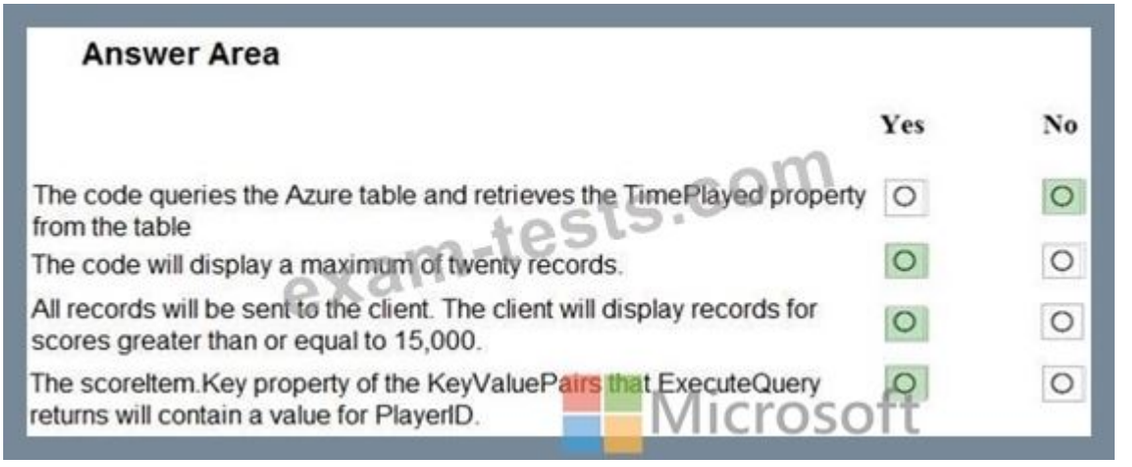
You develop the following code. (Line numbers are included for reference only.)

```
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  TableOperators.And, TableQuery.GenerateFilterCondition(Email, QueryComparisons.Equal,
"ssmith@contoso.com")
07  ));
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.

Answer:



Explanation:

Box 1: No

Box 2: Yes

The TableQuery.Take method defines the upper bound for the number of entities the query returns.

Example:

query.Take(10);

Box 3: Yes

Box 4: Yes

References:

https://www.vkinfotek.com/azureqa/how-do-i-query-azure-table-storage-using-tablequery-

class.html

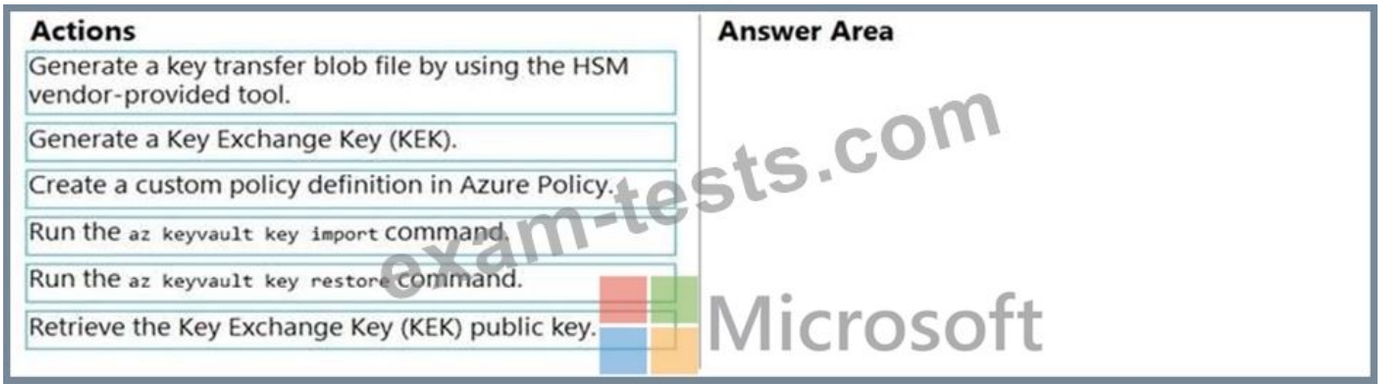
NEW QUESTION: 174

You are developing an Azure-hosted application that must use an on-premises hardware security module (HSM) key.

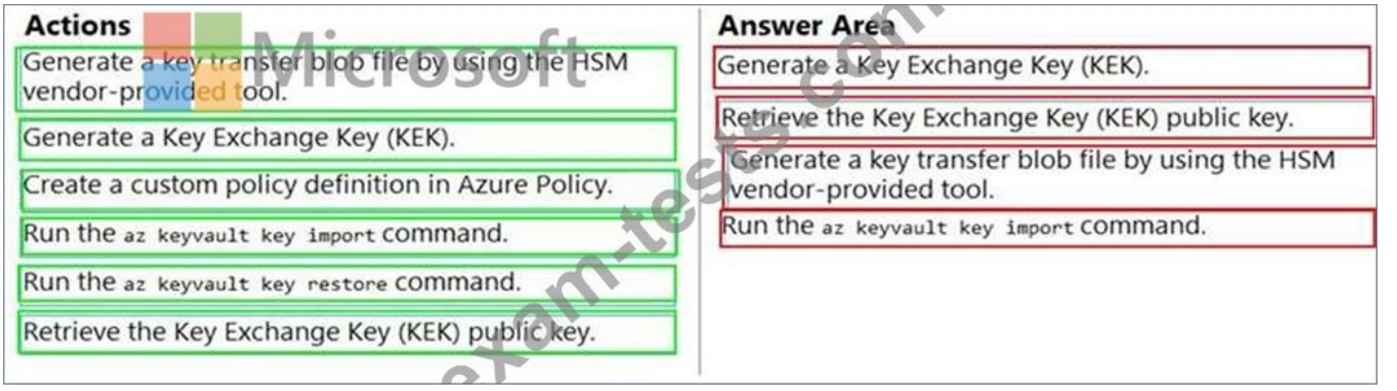
The key must be transferred to your existing Azure Key Vault by using the Bring Your Own Key (BYOK) process.

You need to securely transfer the key to Azure Key Vault.

Which four 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:



Reference:

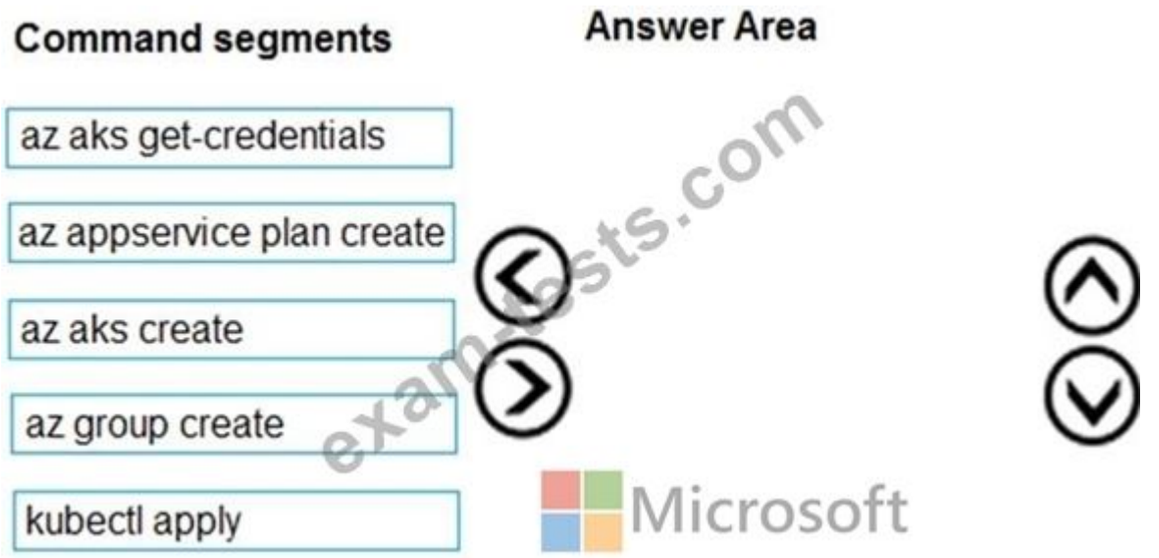
https://docs.microsoft.com/en-us/azure/key-vault/keys/byok-specification

NEW QUESTION: 175

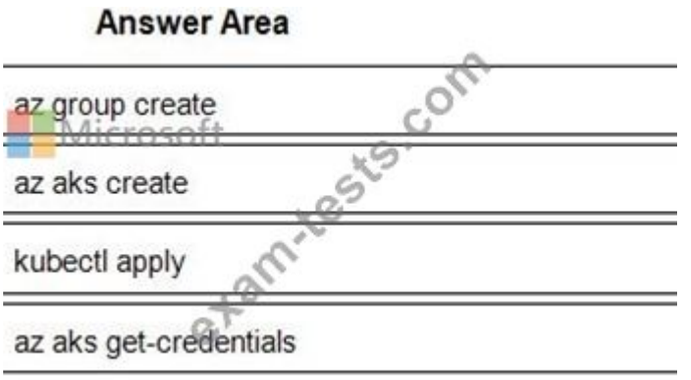
You are deploying an Azure Kubernetes Services (AKS) cluster that will use multiple containers.

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.

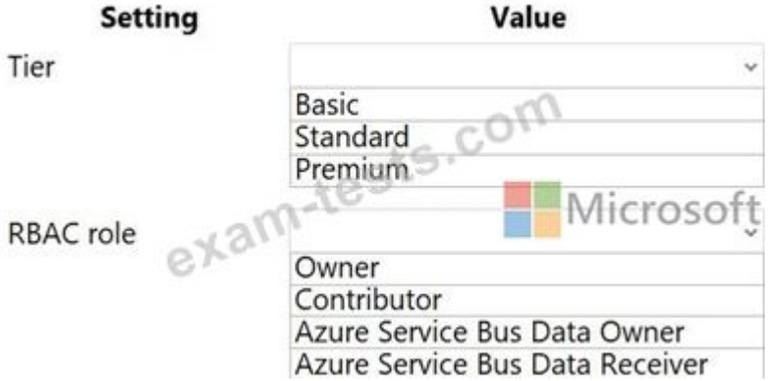


Answer:

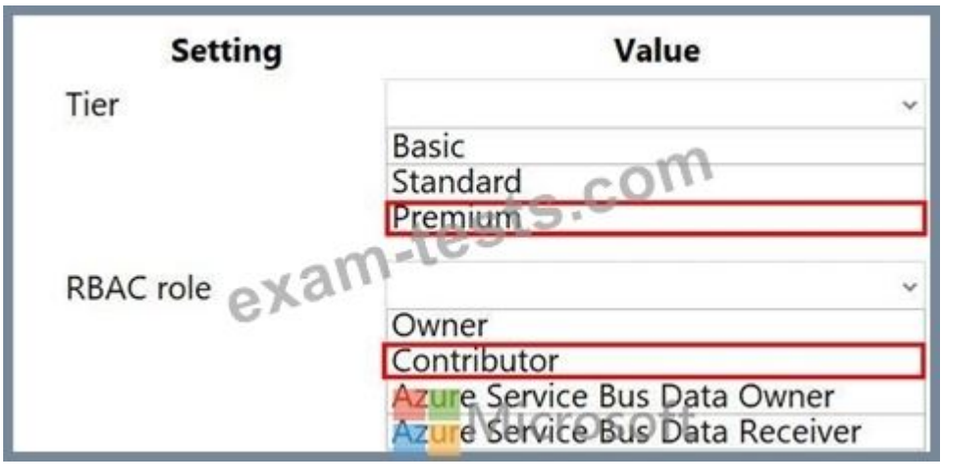


1 - az group create
2 - az aks create
3 - kubectl apply
4 - az aks get-credentials

NEW QUESTION: 176
You need to configure Azure Service Bus to Event Grid integration.
Which Azure Service Bus settings should you use? 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/azure/service-bus-messaging/service-bus-to-event-grid-integration-concept

NEW QUESTION: 177
Hotspot Question
You are reviewing the following code for an Azure Function. The code is called each time an item is added to a queue. The queue item is a JSON string that deserializes into a class named WorkItem. (Line numbers are included for reference only.)

```
01 public static async Task QueueItemReceived(string queueItem, ILogger log)
02 {
03  CloudStorageAccount storageAccount = CloudStorageAccount.Parse(ConnectionString);
04  CloudFileClient fileClient = storageAccount.CreateCloudFileClient();
05  CloudFileShare share = fileClient.GetShareReference(fileContainerName);
06  if (await share.ExistAsync())
07  }
08   var workItem = JsonConvert.DeserializeObject<WorkItem>(queueItem);
09   CloudFileDirectory rootDir = share.GetRootDirectoryReference();
10   CloudFileDirectory importDir = rootDir.GetDirectoryReference ("import");
11   CloudFile file = importDir.GetFileReference (workItem.FileName);
12   if (!file.Metadata.ContainsKey(workItem.AttributeName))
13   {
14     file.Metadata.Add(workItem.AttributeName, ${workItem.AttributeValue}");
15     file.Metadata.Add("Timestamp", ${DateTime.UtcNow.ToFileTime().ToString()}");
16     ProcessFile(workItem);
17   }
18   else
19   {
20     log.LogInformation($"Metadata key {workItem.AttributeName} already exists on item {workItem.FileName}");
21    }
22  await file.SetMetadataAsync ();
23  .}
24   log.LogInformation($ "processed: {queueItem}");
25  }
26 public class WorkItem
27 {
28   public string FileName {get; set;}
29   public string AttributeName {get; set;}
30   public string AttributeValue {get; set;}
31 }
```

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

Answer Area

	Yes	No
The code will properly set and save metadata using `AttributeName` as the metadata key, and `AttributeValue` as the metadata value	○	○
If metadata with the same key exists on the file in Azure, the function will properly load the metadata and only log an error, keeping the existing value and timestamp on the file in Azure.	○	○
Changing line 12 to the following causes the code on line 19 to run when Azure already contains a file with a matching name, and metadata with a key matching `workItem.AttributeName`	○	○

```
if (await file.ExistsAsync() &&
!file.Metadata.ContainsKey(workItem.AttributeName))
```

Answer:

Explanation:

Box 1: Yes

The following code example sets metadata on a container. One value is set using the collection's Add method.

```
public static async Task AddContainerMetadataAsync(CloudBlobContainer container)
{
// Add some metadata to the container.
container.Metadata.Add("docType", "textDocuments");
container.Metadata["category"] = "guidance";
```

Scenario:

```
file.Metadata.Add(workItem.AttributeName, ${workItem.AttributeValue}");
```

Box 2: No

It would not load the metadata

Box 3: Yes

NEW QUESTION: 178

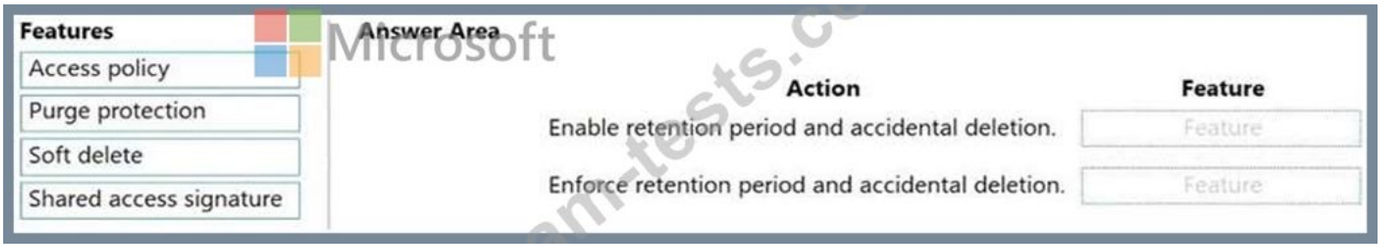
You are developing an application to securely transfer data between on-premises file systems and Azure Blob storage. The application stores keys, secrets, and certificates in Azure Key Vault. The application uses the Azure Key Vault APIs.

The application must allow recovery of an accidental deletion of the key vault or key vault objects. Key vault objects must be retained for 90 days after deletion.

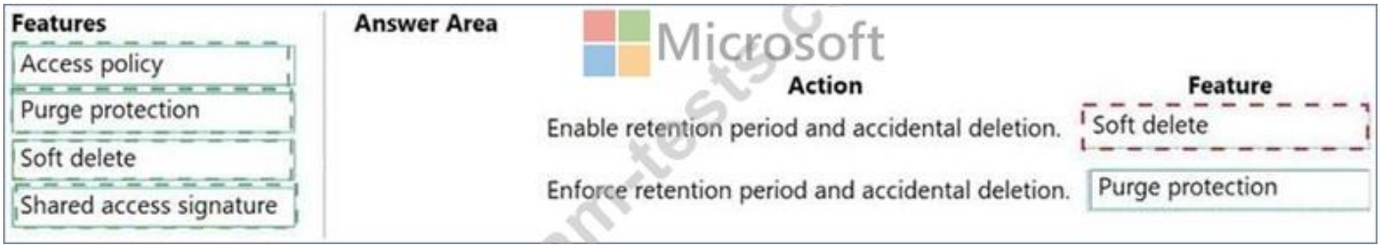
You need to protect the key vault and key vault objects.

Which Azure Key Vault feature should you use? To answer, drag the appropriate features to the correct actions. 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.



Answer:



Explanation

Box 1: Soft delete

When soft-delete is enabled, resources marked as deleted resources are retained for a specified period (90 days by default). The service further provides a mechanism for recovering the deleted object, essentially undoing the deletion.

Box 2: Purge protection

Purge protection is an optional Key Vault behavior and is not enabled by default. Purge protection can only be enabled once soft-delete is enabled.

When purge protection is on, a vault or an object in the deleted state cannot be purged until the retention period has passed. Soft-deleted vaults and objects can still be recovered, ensuring that the retention policy will be followed.

Reference:
https://docs.microsoft.com/en-us/azure/key-vault/general/soft-delete-overview

NEW QUESTION: 179

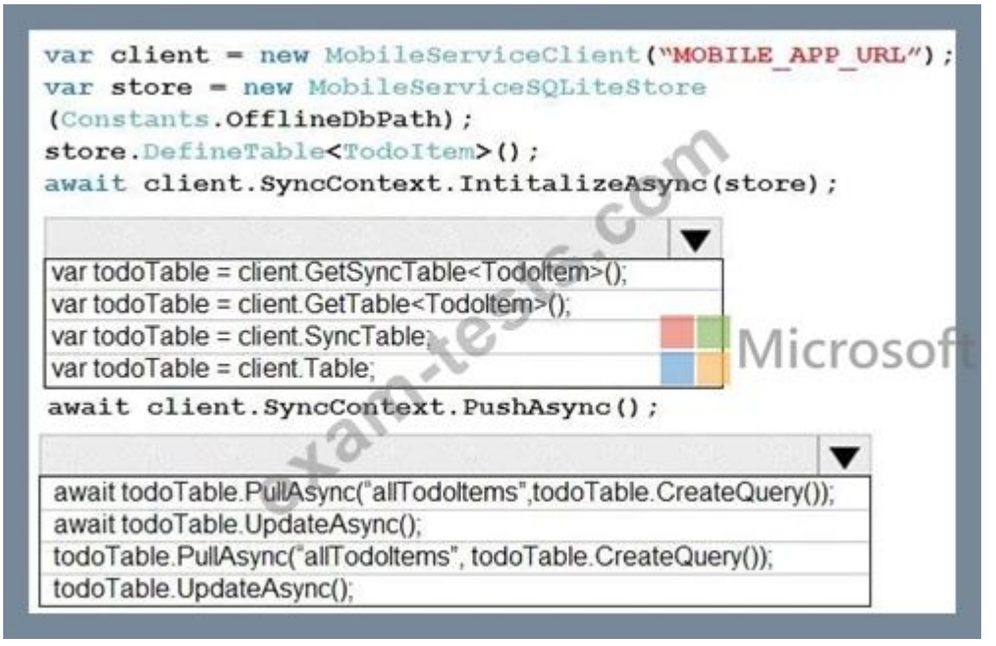
A company is developing a mobile app for field service employees using Azure App Service Mobile Apps as the backend.

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.

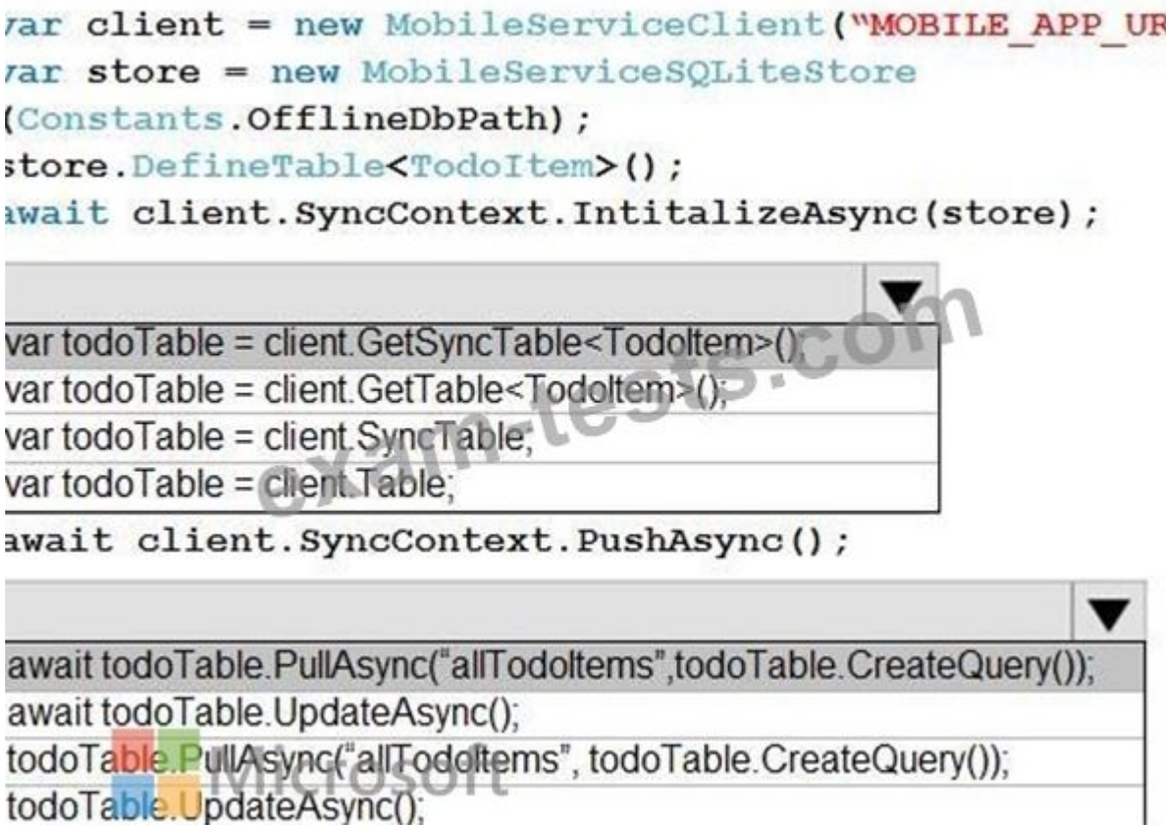
How should you complete the code segment? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.



Answer:

Explanation



Box 1: var todoTable = client GetSyncTable<TodoItem>()

To setup offline access, when connecting to your mobile service, use the method GetSyncTable instead of GetTable (example):

IMobileServiceSyncTable todoTable = App.MobileService.GetSyncTable(); / Box 2: await todoTable.PullAsync("allTodoItems",todo.Table.CreateQuery()); Your app should now use IMobileServiceSyncTable (instead of IMobileServiceTable) for CRUD operations.

This will save changes to the local database and also keep a log of the changes. When the app is ready to synchronize its changes with the Mobile Service, use the methods PushAsync and PullAsync (example):

await App.MobileService.SyncContext.PushAsync();

await todoTable.PullAsync();

References:

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

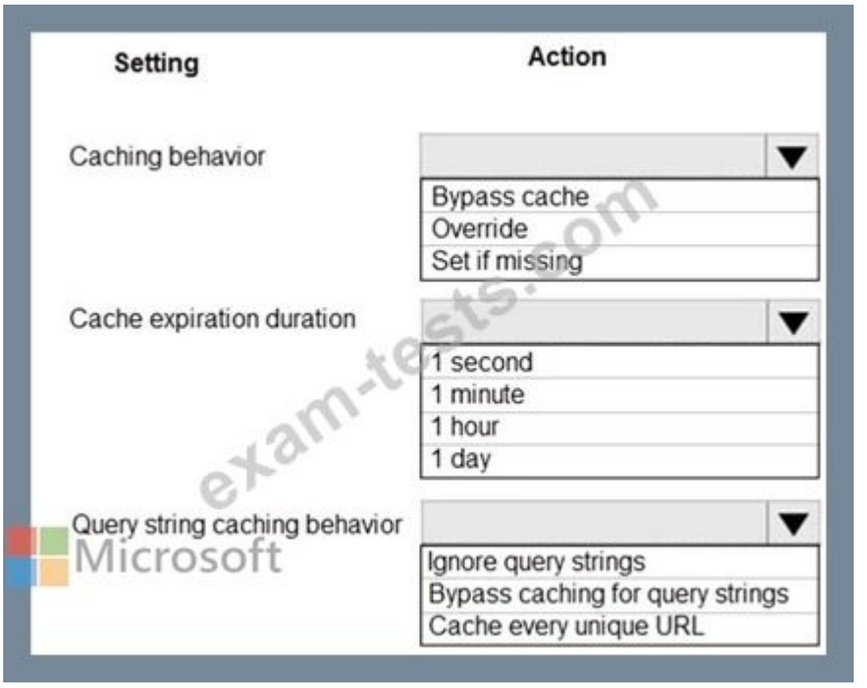
NEW QUESTION: 180

You are developing an Azure App Service hosted ASP.NET Core web app to deliver video on-demand streaming medi a. 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.

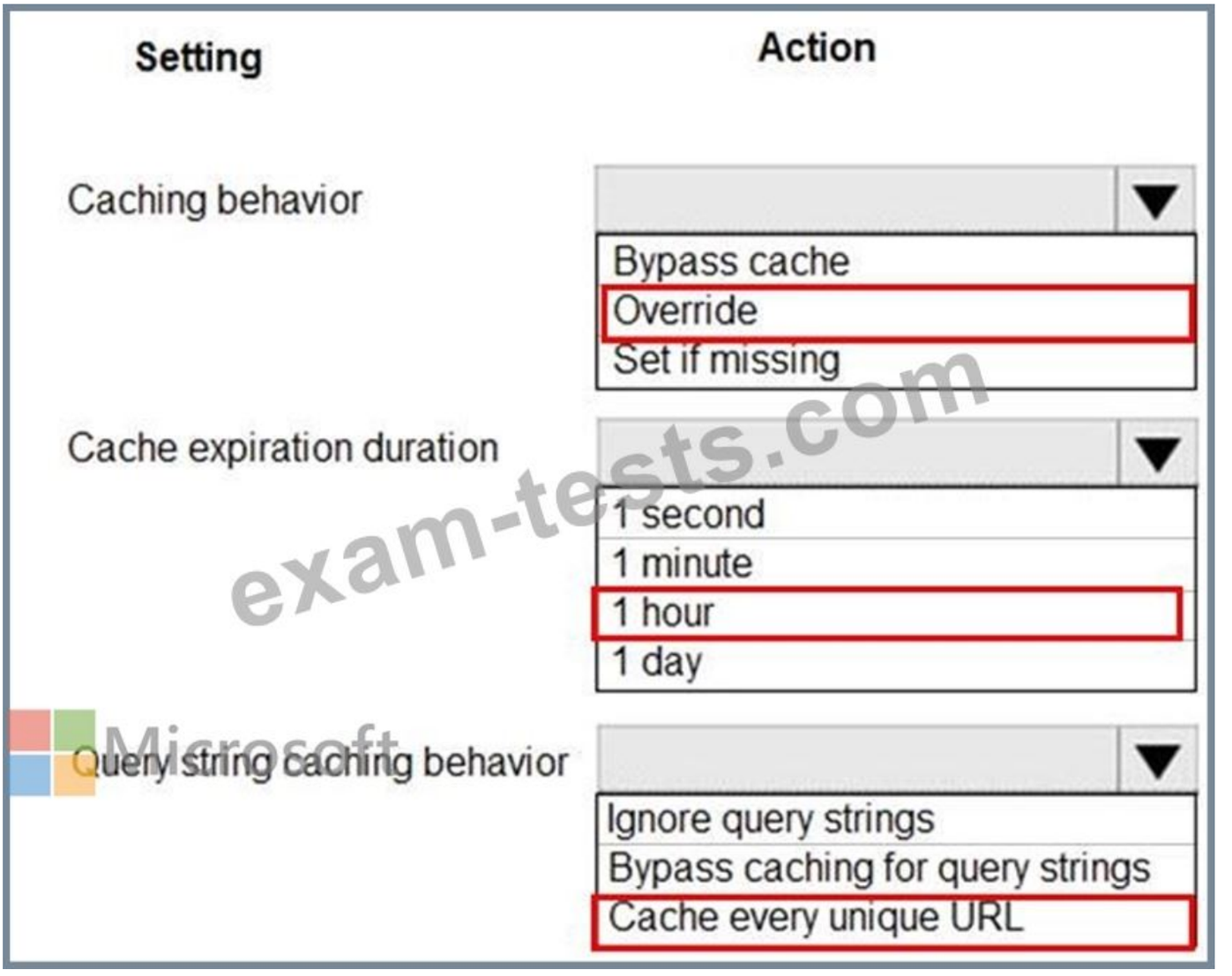
You need to configure Azure CDN caching rules.

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

NOTE: Each correct selection is worth one point.



Answer:



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

NEW QUESTION: 181

You have a single page application (SPA) web application that manages information based on data returned by Microsoft Graph from another company's Azure Active Directory (Azure AD) instance.

Users must be able to authenticate and access Microsoft Graph by using their own company's Azure AD instance.

You need to configure the application manifest for the app registration.

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

NOTE: Each correct selection is worth one point.

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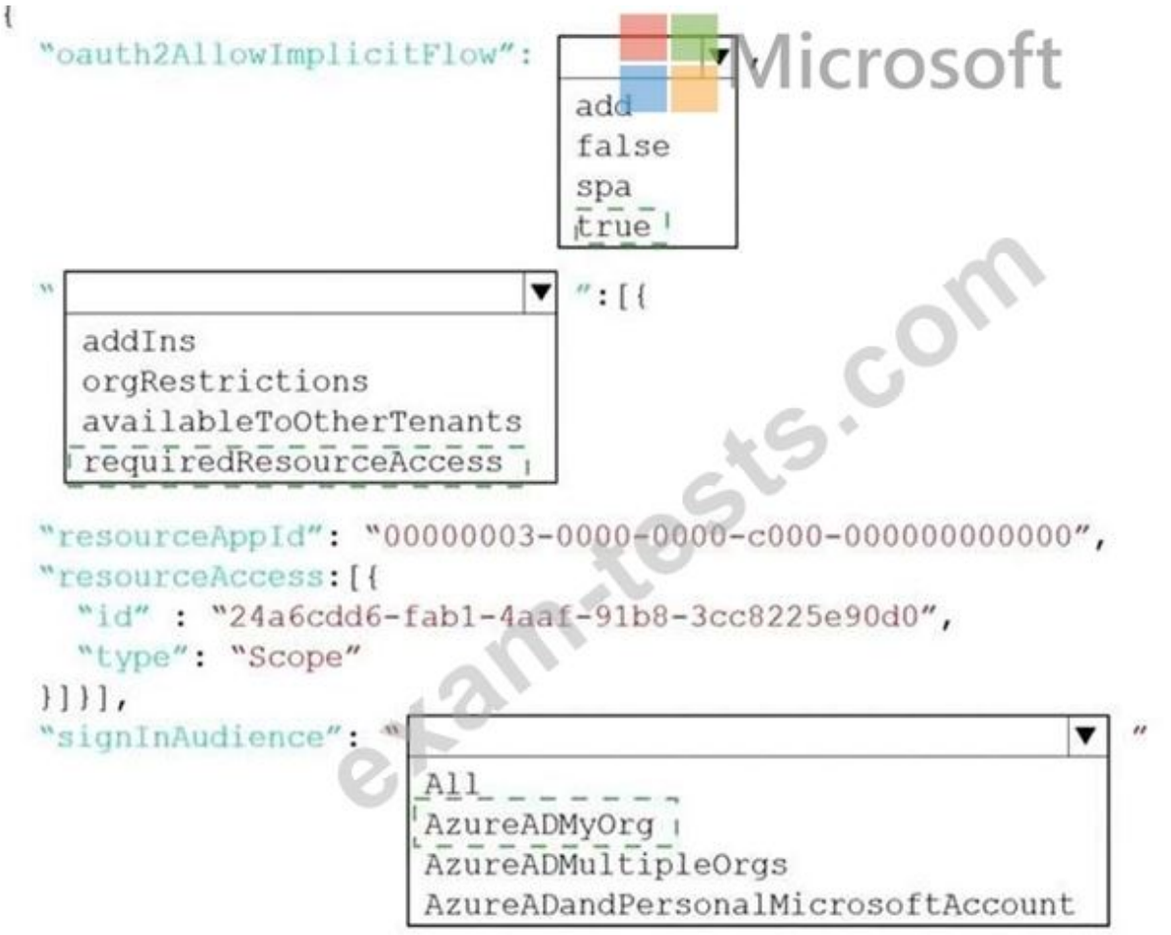
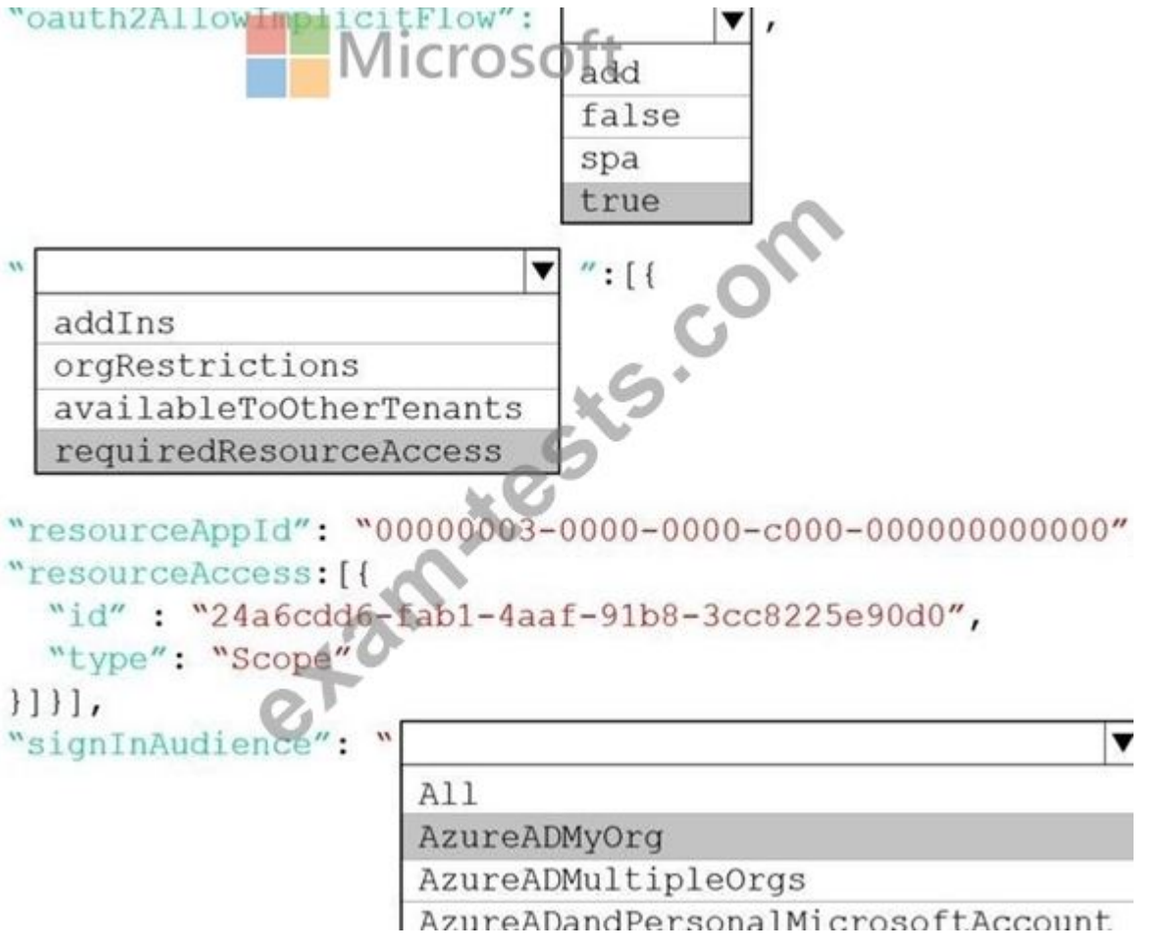
Answer:



Explanation

Graphical user interface, text, application, email Description automatically generated



Box 1: true

The oauth2AllowImplicitFlow attribute Specifies whether this web app can request OAuth2.0 implicit flow access tokens. The default is false. This flag is used for browser-based apps, like JavaScript single-page apps.

In implicit flow, the app receives tokens directly from the Azure Active Directory (Azure AD) authorize endpoint, without any server-to-server exchange. All authentication logic and session handling is done entirely in the JavaScript client with either a page redirect or a pop-up box.

Box 2: requiredResourceAccess

With dynamic consent, requiredResourceAccess drives the admin consent experience and the user consent experience for users who are using static consent. However, this parameter doesn't drive the user consent experience for the general case.

resourceAppId is the unique identifier for the resource that the app requires access to. This value should be equal to the appId declared on the target resource app.

resourceAccess is an array that lists the OAuth2.0 permission scopes and app roles that the app requires from the specified resource. Contains the id and type values of the specified resources.

Example:

"requiredResourceAccess": [

{

"resourceAppId": "00000002-0000-0000-c000-000000000000",

"resourceAccess": [

{

"id": "311a71cc-e848-46a1-bdf8-97ff7156d8e6",
"type": "Scope"
}
]
}
],
Box 3: AzureADMyOrg
The signInAudience attribute specifies what Microsoft accounts are supported for the current application.
Supported values are:
AzureADMyOrg - Users with a Microsoft work or school account in my organization's Azure AD tenant (for example, single tenant) AzureADMultipleOrgs - Users with a Microsoft work or school account in any organization's Azure AD tenant (for example, multi-tenant) AzureADandPersonalMicrosoftAccount - Users with a personal Microsoft account, or a work or school account in any organization's Azure AD tenant Reference:
https://docs.microsoft.com/en-us/azure/active-directory/develop/reference-app-manifest
https://docs.microsoft.com/en-us/azure/active-directory/develop/v2-oauth2-implicit-grant-flow

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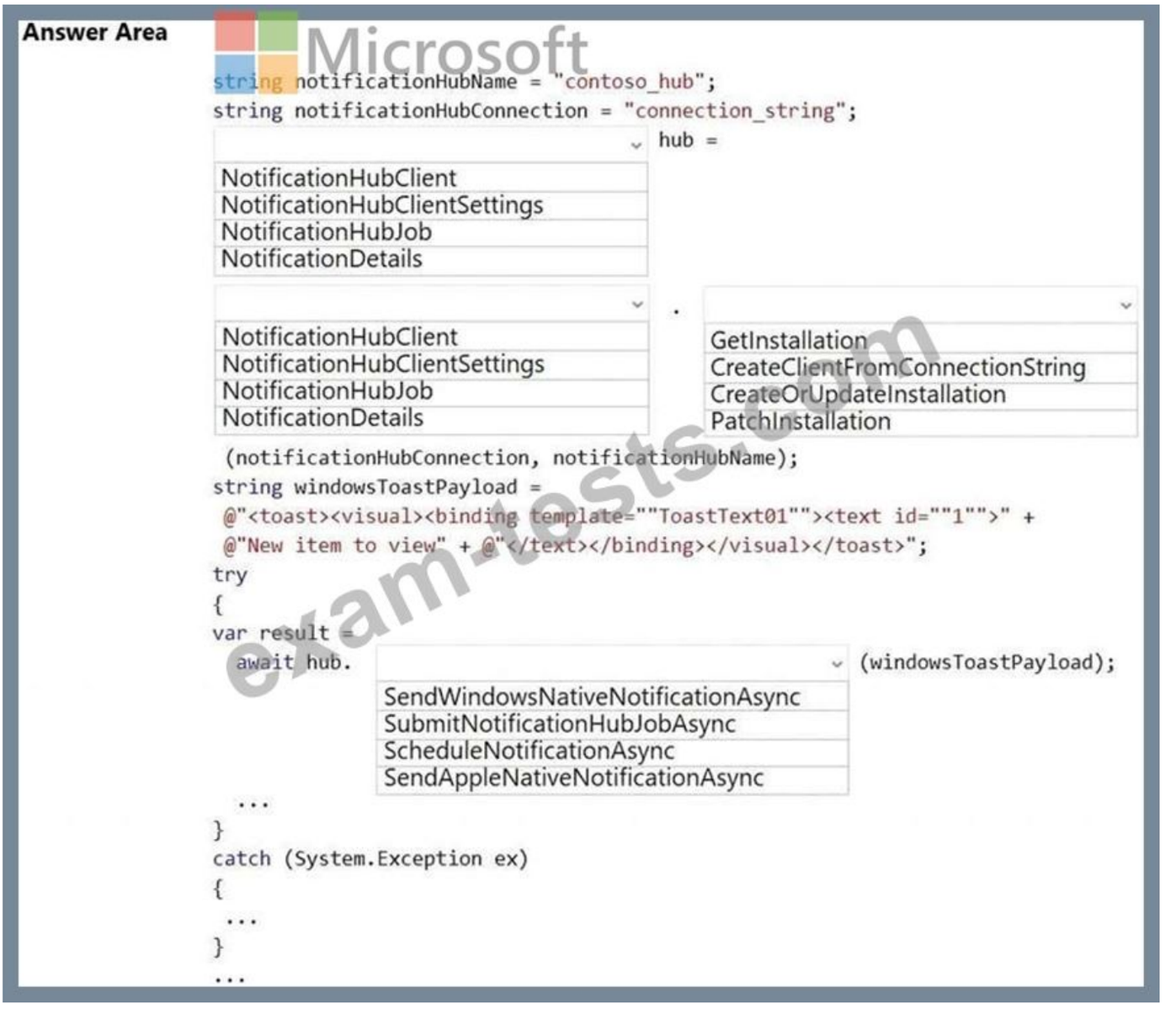
NEW QUESTION: 182
You develop a news and blog content app for Windows devices.
A notification must arrive on a user's device when there is a new article available for them to view.
You need to implement push notifications.
How should you complete the code segment? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

Answer Area



Answer:

Answer Area

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

NotificationHubClient
NotificationHubClientSettings
NotificationHubJob
NotificationDetails

.

NotificationHubClient
NotificationHubClientSettings
NotificationHubJob
NotificationDetails

GetInstallation
CreateClientFromConnectionString
CreateOrUpdateInstallation
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.
```

SendWindowsNativeNotificationAsync
SubmitNotificationHubJobAsync
ScheduleNotificationAsync
SendAppleNativeNotificationAsync

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

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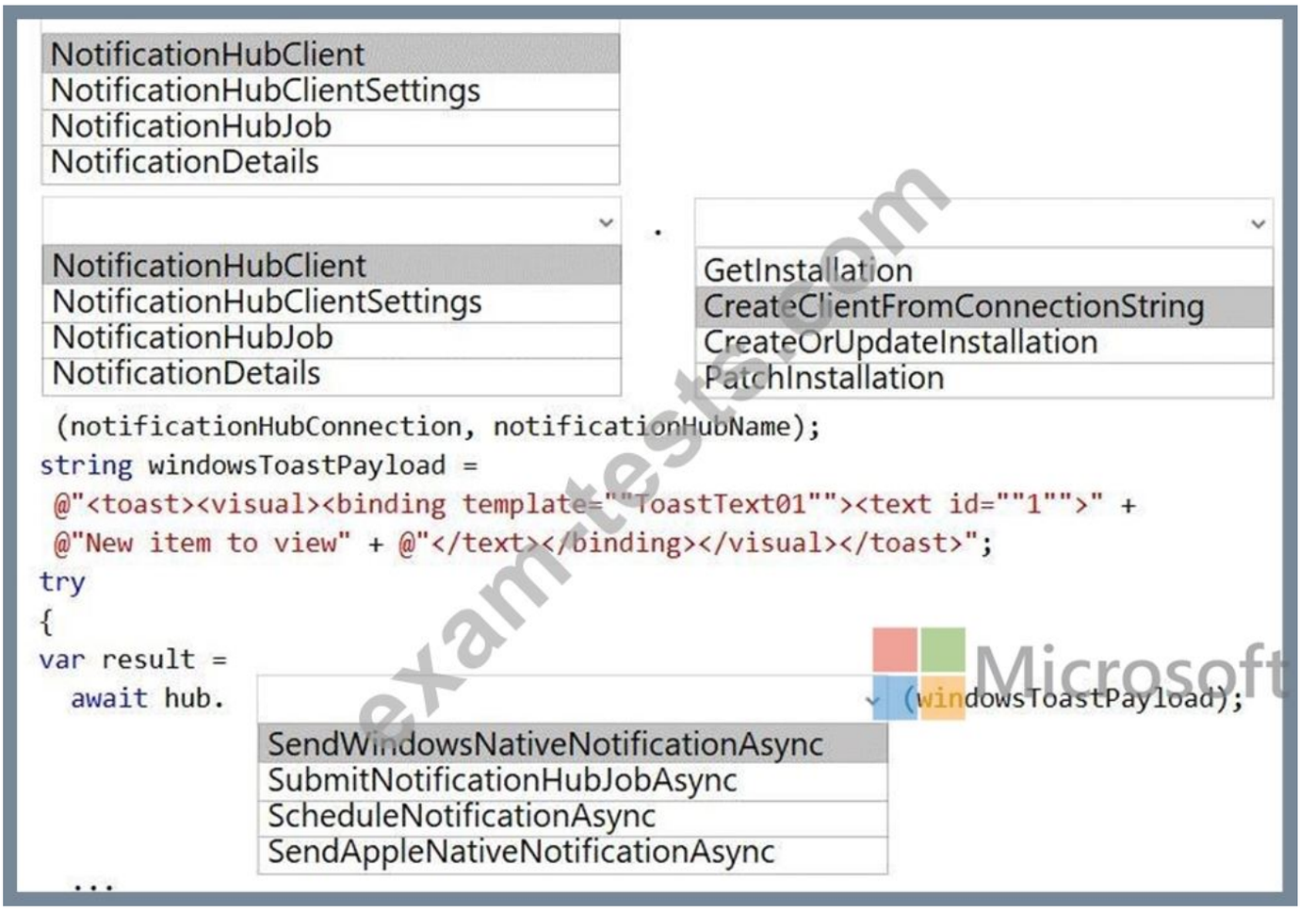
Microsoft

Explanation



Box 1: NotificationHubClient

Box 2: NotificationHubClient

Box 3: CreateClientFromConnectionString

// Initialize the Notification Hub

NotificationHubClient hub =

NotificationHubClient.CreateClientFromConnectionString(listenConnString, hubName); Box 4: SendWindowsNativeNotificationAsync Send the push notification.

var result = await hub.SendWindowsNativeNotificationAsync(windowsToastPayload); Reference: https://docs.microsoft.com/en-us/azure/notification-hubs/notification-hubs-push-notification-registration-manage

https://github.com/MicrosoftDocs/azure-docs/blob/master/articles/app-service-mobile/app-service-mobile-windo

NEW QUESTION: 183

You develop a gateway solution for a public facing news API. The news API back end is implemented as a RESTful service and uses an OpenAPI specification.

You need to ensure that you can access the news API by using an Azure API Management service instance.

Which Azure PowerShell command should you run?

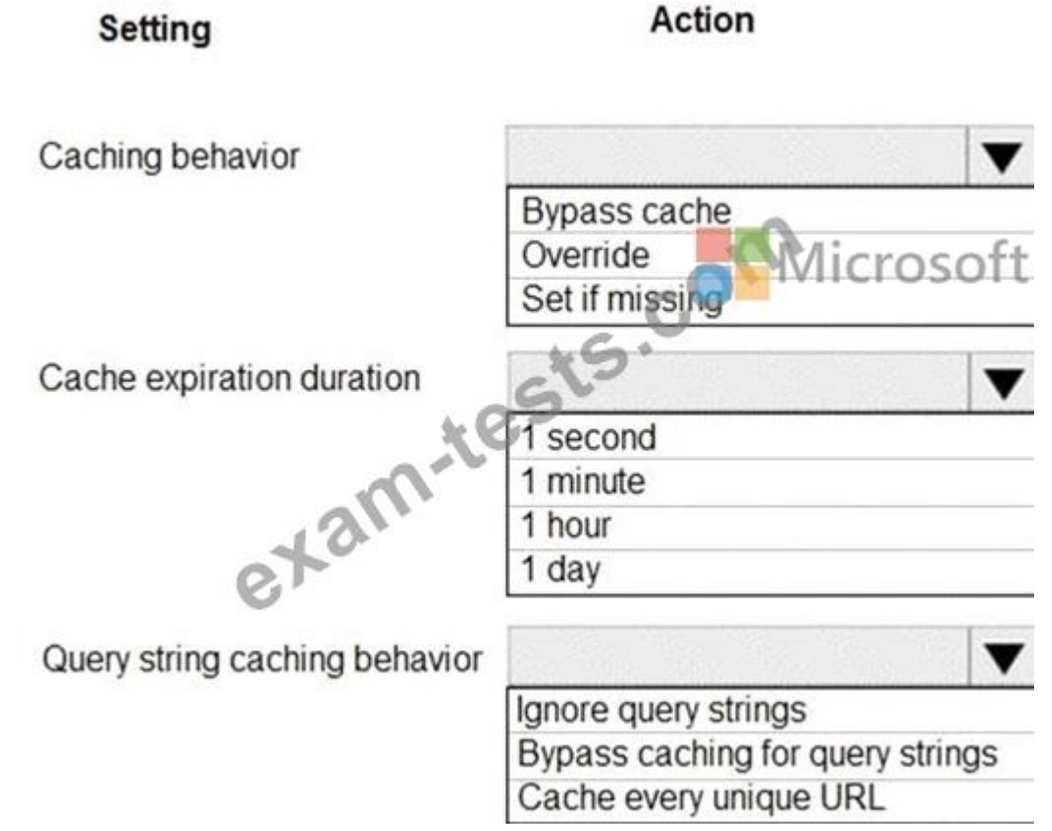
A. Import-AzureRmApiManagementApi -Context $ApiMgmtContext

B. -SpecificationFormat "Swagger" -SpecificationPath $SwaggerPath

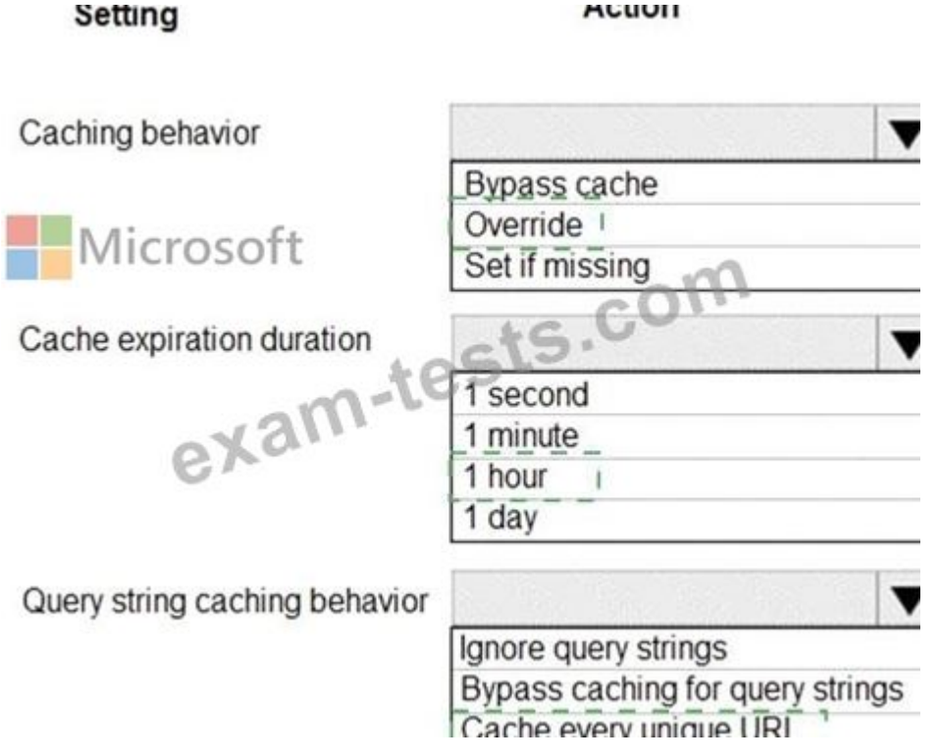
-Path $Path
New-AzureRmApiManagementBackend -Context $ApiMgmtContext-Url
C. $Url -Protocol http
New-AzureRmApiManagement -ResourceGroupName $ResourceGroup
D. -Name $Name -Location $Location -Organization $Org
-AdminEmail $AdminEmail
New-AzureRmApiManagementBackendProxy -Url $ApiUrl
Answer: D (LEAVE A REPLY)
New-AzureRmApiManagementBackendProxy creates a new Backend Proxy Object which can be piped when creating a new Backend entity.
Example: Create a Backend Proxy In-Memory Object
PS C:\>$secpassword = ConvertTo-SecureString "PlainTextPassword" -AsPlainText -Force PS C:\>$proxyCreds = New-Object System.Management.Automation.PSCredential ("foo", $secpassword) PS C:\>$credential = New-AzureRmApiManagementBackendProxy -Url "http://12.168.1.1:8080" - ProxyCredential $proxyCreds PS C:\>$apimContext = New-AzureRmApiManagementContext -ResourceGroupName "Api-Default-WestUS" - ServiceName "contoso" PS C:\>$backend = New-AzureRmApiManagementBackend -Context $apimContext - BackendId 123 -Url
'https://contoso.com/awesomeapi' -Protocol http -Title "first backend" - SkipCertificateChainValidation $true - Proxy $credential -Description "backend with proxy server"
Creates a Backend Proxy Object and sets up Backend Incorrect Answers:
A: The Import-AzureRmApiManagementApi cmdlet imports an Azure API Management API from a file or a URL in Web Application Description Language (WADL), Web Services Description Language (WSDL), or Swagger format.
B: New-AzureRmApiManagementBackend creates a new backend entity in Api Management.
C: The New-AzureRmApiManagement cmdlet creates an API Management deployment in Azure API Management.
Reference:
https://docs.microsoft.com/en-us/powershell/module/azurerm.apimanagement/new-azurermapimanagementbackendproxy?view=azurermps-6.13.0

NEW QUESTION: 184
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.

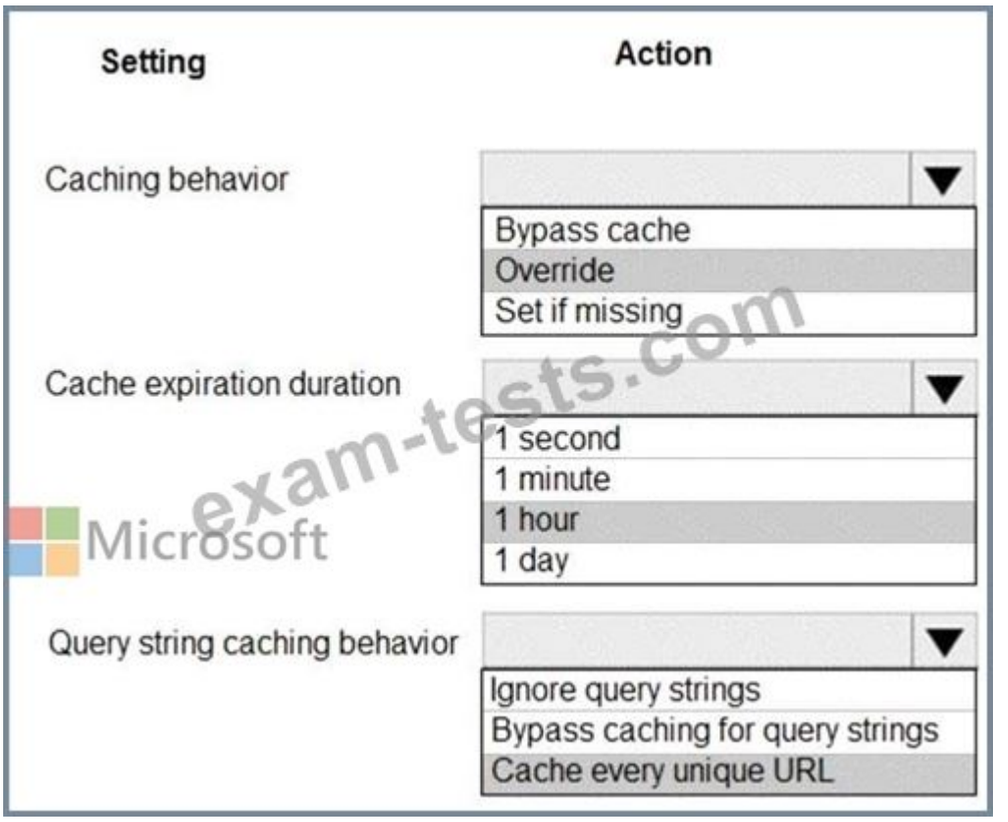
Which options should you use? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.



Answer:



Explanation



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Box 1: Override

Override: Ignore origin-provided cache duration; use the provided cache duration instead. This will not override cache-control: no-cache.

Set if missing: Honor origin-provided cache-directive headers, if they exist; otherwise, use the provided cache duration.

Incorrect:

Bypass cache: Do not cache and ignore origin-provided cache-directive headers.

Box 2: 1 hour

All media content must expire from the cache after one hour.

Box 3: Cache every unique URL

Cache every unique URL: In this mode, each request with a unique URL, including the query string, is treated as a unique asset with its own cache. For example, the response from the origin server for a request for example.ashx?q=test1 is cached at the POP node and returned for subsequent caches with the same query string. A request for example.ashx?q=test2 is cached as a separate asset with its own time-to-live setting.

Reference:

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

NEW QUESTION: 185

You have an application that includes an Azure Web app and several Azure Function apps. Application secrets including connection strings and certificates are stored in Azure Key Vault. Secrets must not be stored in the application or application runtime environment. Changes to Azure Active Directory (Azure AD) must be minimized.

You need to design the approach to loading application secrets.

What should you do?

A. Create a single user-assigned Managed Identity with permission to access Key Vault and configure each App Service to use that Managed Identity.

B. Create a single Azure AD Service Principal with permission to access Key Vault and use a client secret from within the App Services to access Key Vault.

C. Create a system assigned Managed Identity in each App Service with permission to access Key Vault.

D. Create an Azure AD Service Principal with Permissions to access Key Vault for each App Service and use a certificate from within the App Services to access Key Vault.

Answer: (SHOW ANSWER)

Explanation

Use Key Vault references for App Service and Azure Functions.

Key Vault references currently only support system-assigned managed identities. User-assigned identities cannot be used.

Reference:

https://docs.microsoft.com/en-us/azure/app-service/app-service-key-vault-references

NEW QUESTION: 186

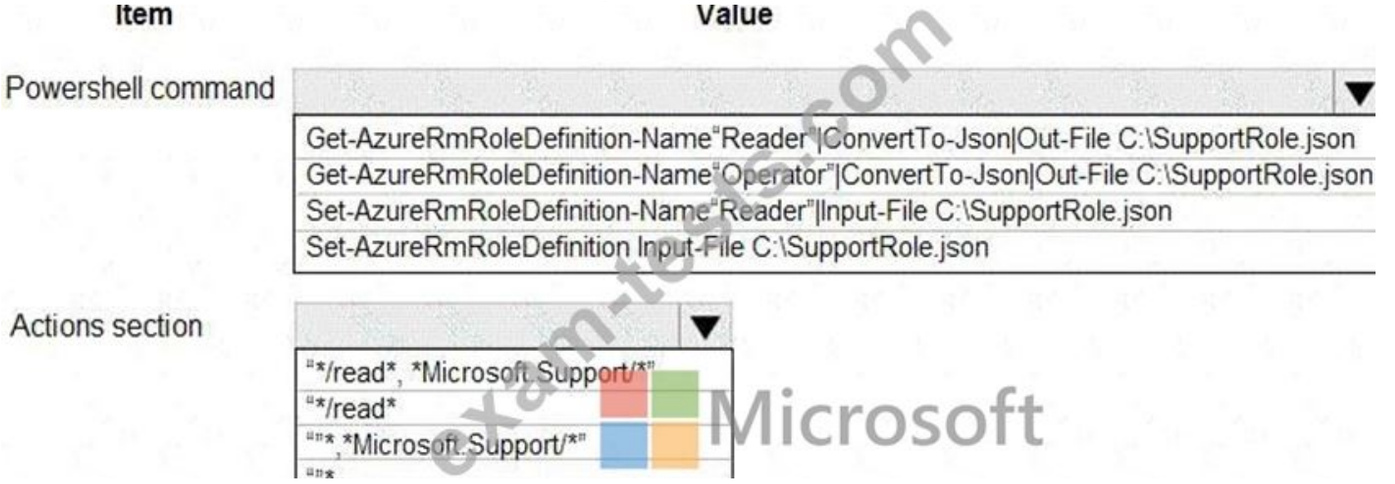
Your company is migrating applications to Azure. The IT department must allow internal developers to communicate with Microsoft support.

The service agents of the IT department must only have view resources and create support ticket permissions to all subscriptions. A new custom role must be created by reusing a default role definition and changing the permissions.

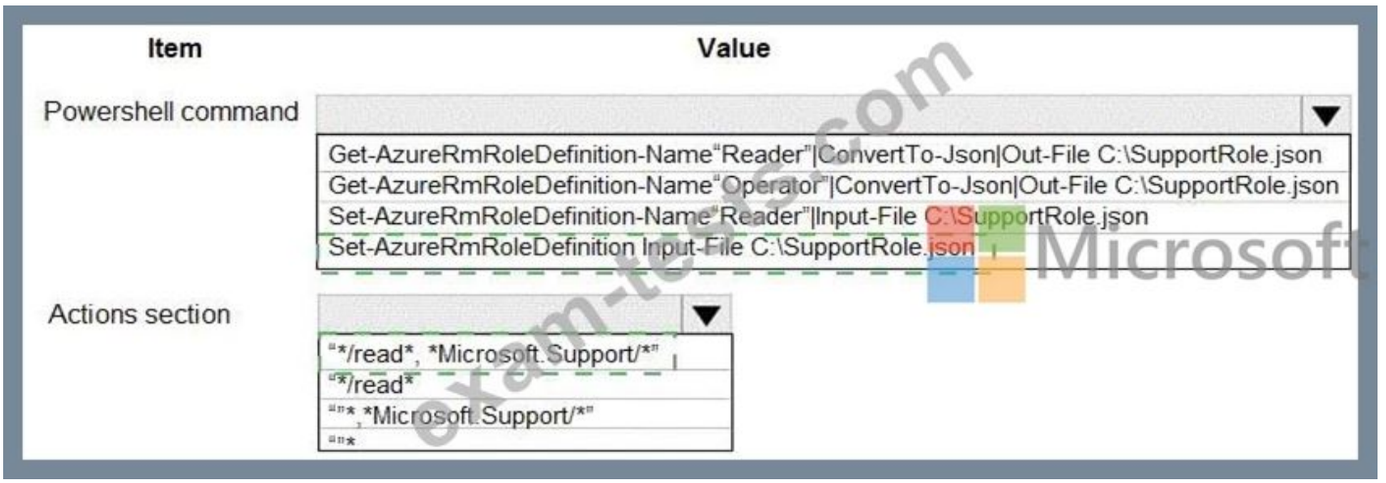
You need to create the custom role.

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

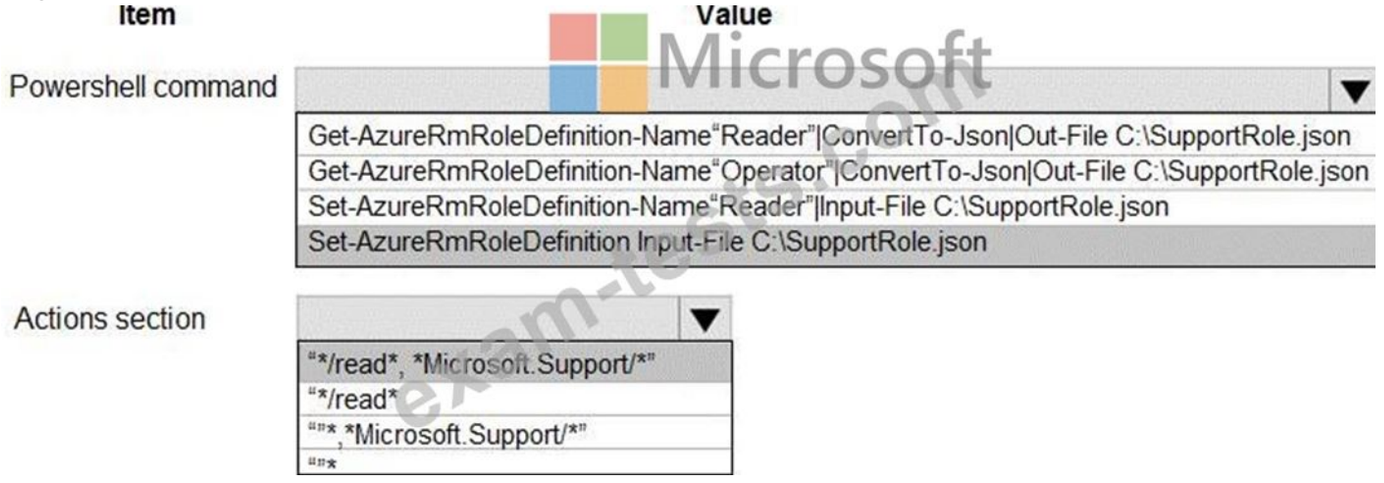
NOTE: Each correct selection is worth one point.



Answer:



Explanation



Box 1: Set-AzureRmRoleDefinition Input-File C:\SupportRole.json

The Set-AzureRmRoleDefinition cmdlet updates an existing custom role in Azure Role-Based Access Control.

Provide the updated role definition as an input to the command as a JSON file or a PSRoleDefinition object.

The role definition for the updated custom role MUST contain the Id and all other required properties of the role even if they are not updated: DisplayName, Description, Actions, AssignableScope Box 2: "*/read*."* Microsoft.Support/*" Microsoft.Support/* Create and manage support tickets

"Microsoft.Support" role definition azure

NEW QUESTION: 187

You develop a website. You plan to host the website in Azure. You expect the website to experience high traffic volumes after it is published.

You must ensure that the website remains available and responsive while minimizing cost.

You need to deploy the website.

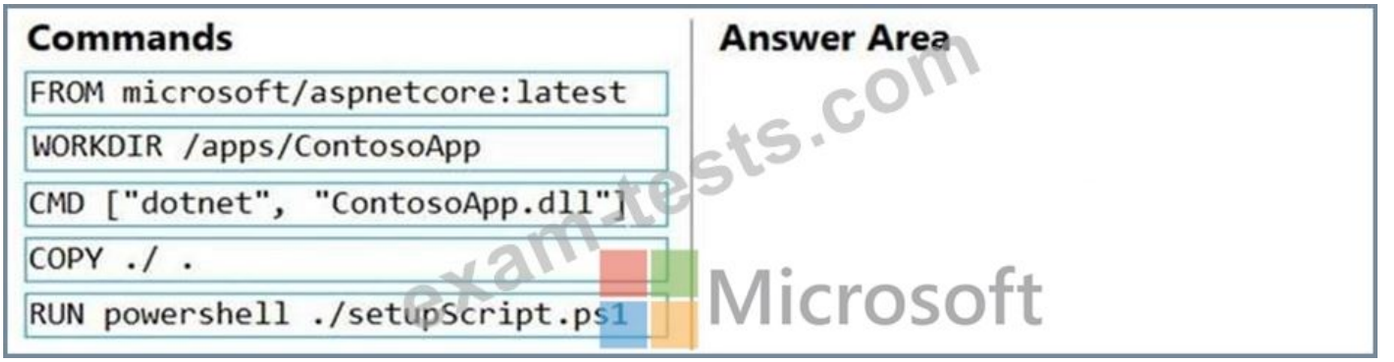
What should you do?

A. Deploy the website to a virtual machine. Configure the virtual machine to automatically scale when the CPU load is high.

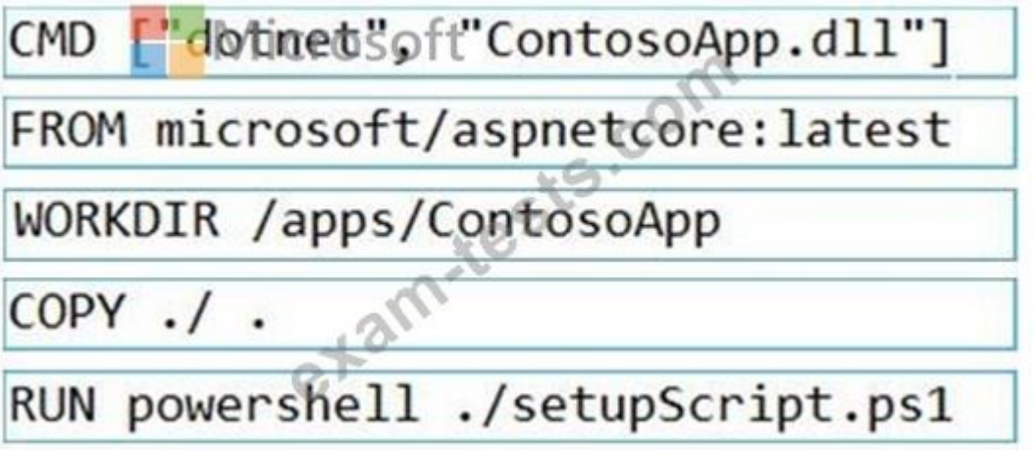
B. Deploy the website to an App Service that uses the Shared service tier. Configure the App

service plan to automatically scale when the CPU load is high.
C. Deploy the website to an App Service that uses the Standard service tier. Configure the App service plan to automatically scale when the CPU load is high.
D. Deploy the website to a virtual machine. Configure a Scale Set to increase the virtual machine instance count when the CPU load is high.
Answer: (SHOW ANSWER)
Windows Azure Web Sites (WAWS) offers 3 modes: Standard, Free, and Shared.
Standard mode carries an enterprise-grade SLA (Service Level Agreement) of 99.9% monthly, even for sites with just one instance.
Standard mode runs on dedicated instances, making it different from the other ways to buy Windows Azure Web Sites.
Incorrect Answers:
B: Shared and Free modes do not offer the scaling flexibility of Standard, and they have some important limits.
Shared mode, just as the name states, also uses shared Compute resources, and also has a CPU limit.
So, while neither Free nor Shared is likely to be the best choice for your production environment due to these limits.

NEW QUESTION: 188
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.

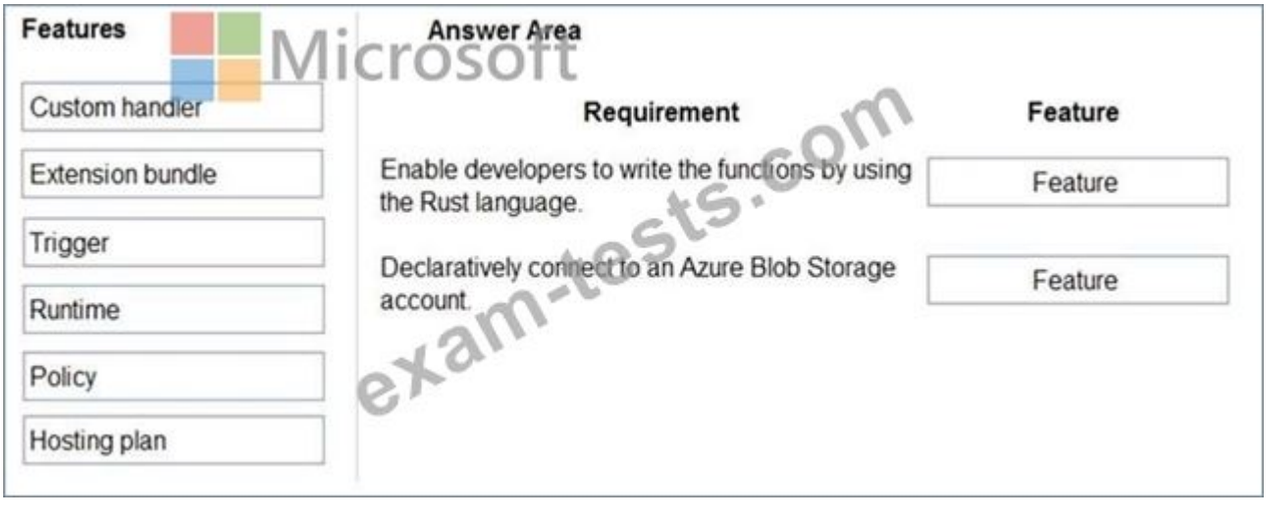


Answer:

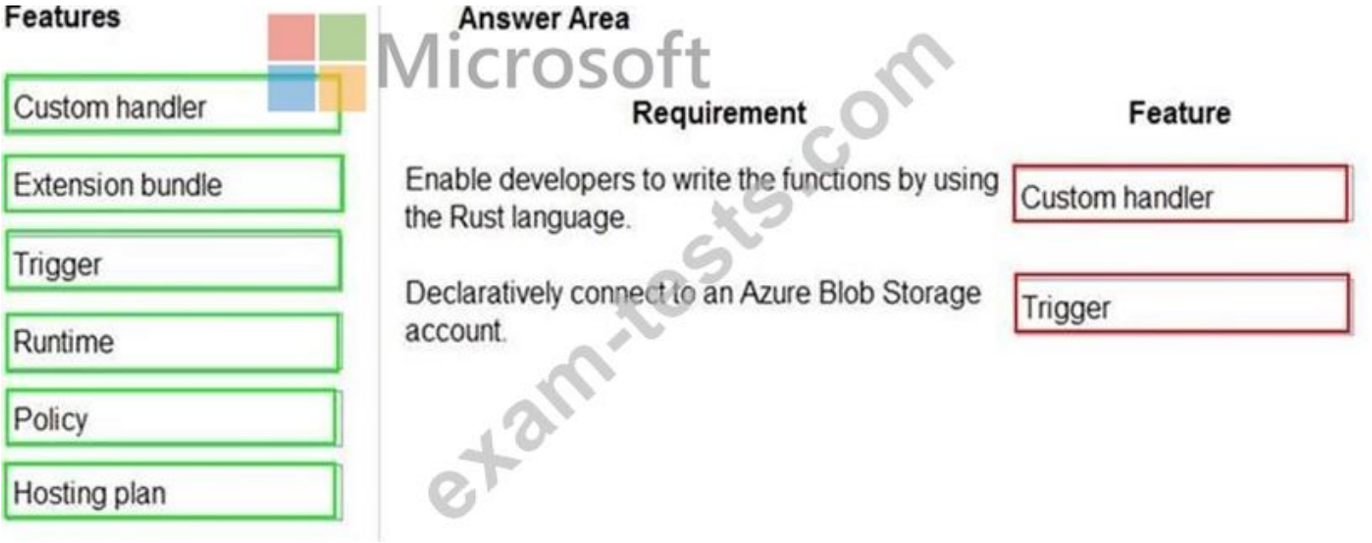


Box 1: CMD [..]
Cmd starts a new instance of the command interpreter, Cmd.exe.
Syntax: CMD <string>
Specifies the command you want to carry out.
Box 2: FROM microsoft/aspnetcore-build:latest
Box 3: WORKDIR /apps/ContosoApp
Bxo 4: COPY ./ .
Box 5: RUN powershell ./setupScript.ps1

NEW QUESTION: 189
You are developing an Azure Function app.
The app must meet the following requirements:
Enable developers to write the functions by using the Rust language.
Declaratively connect to an Azure Blob Storage account.
You need to implement the app.
Which Azure Function app 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.



Answer:

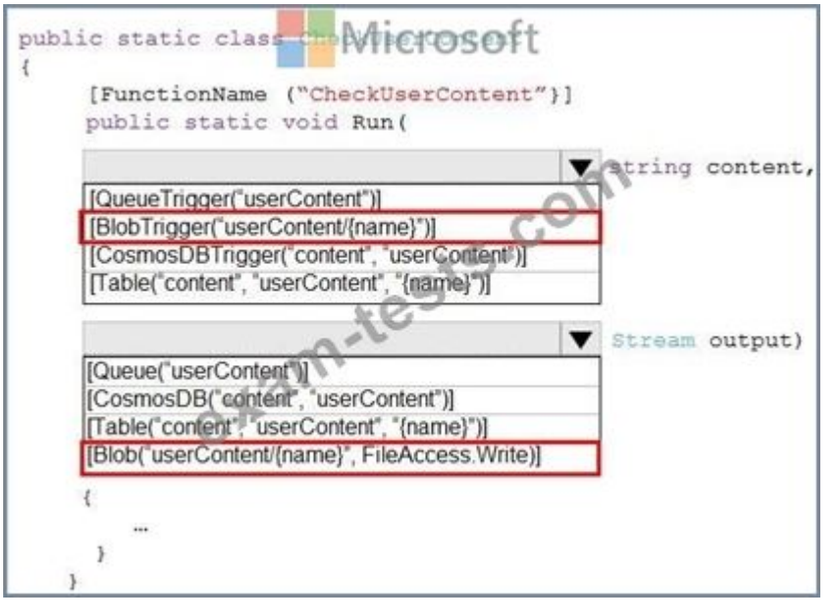


Reference:
https://docs.microsoft.com/en-us/azure/azure-functions/create-first-function-vs-code-other
https://docs.microsoft.com/en-us/dotnet/architecture/serverless/azure-functions

NEW QUESTION: 190
You need to implement the bindings for the CheckUserContent function.
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.

```
public static class CheckUserContent
{
    [FunctionName ("CheckUserContent")]
    public static void Run(
        [QueueTrigger("userContent")]
        [BlobTrigger("userContent/{name}")]
        [CosmosDBTrigger("content", "userContent")]
        [Table("content", "userContent", "{name}")]
        string content,
        [Queue("userContent")]
        [CosmosDB("content", "userContent")]
        [Table("content", "userContent", "{name}")]
        [Blob("userContent/{name}", FileAccess.Write)]
        Stream output)
    {
        ...
    }
}
```

Answer:



Reference:

https://docs.microsoft.com/en-us/azure/azure-functions/functions-bindings-storage-blob-output

Topic 2, Windows Server 2016 virtual machine

Current environment

Windows Server 2016 virtual machine

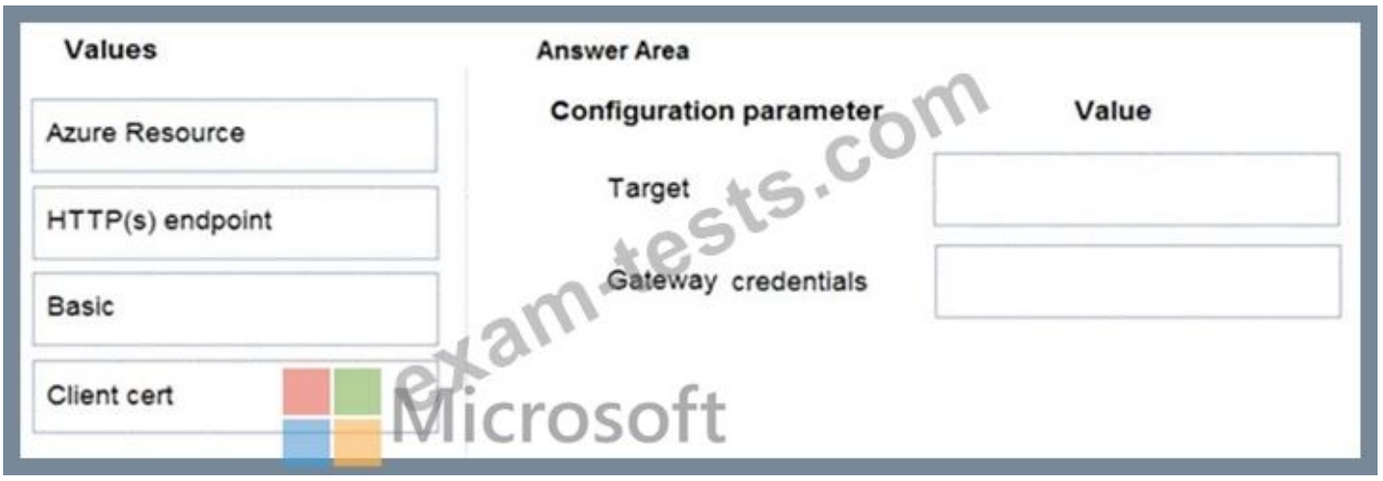
The virtual machine (VM) runs BizTalk Server 2016. The VM runs the following workflows:

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:

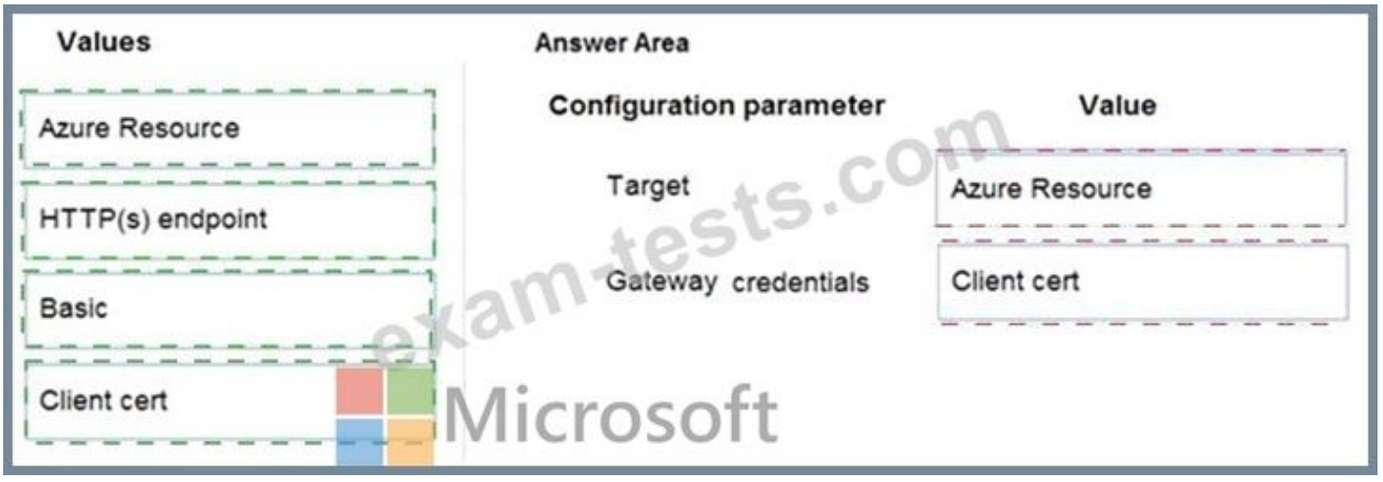
Requirements
Shipping Logic app
The Shipping Logic app must meet the following requirements:
Support the ocean transport and inland transport workflows by using a Logic App.
Support industry-standard protocol X12 message format for various messages including vessel content details and arrival notices.
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.

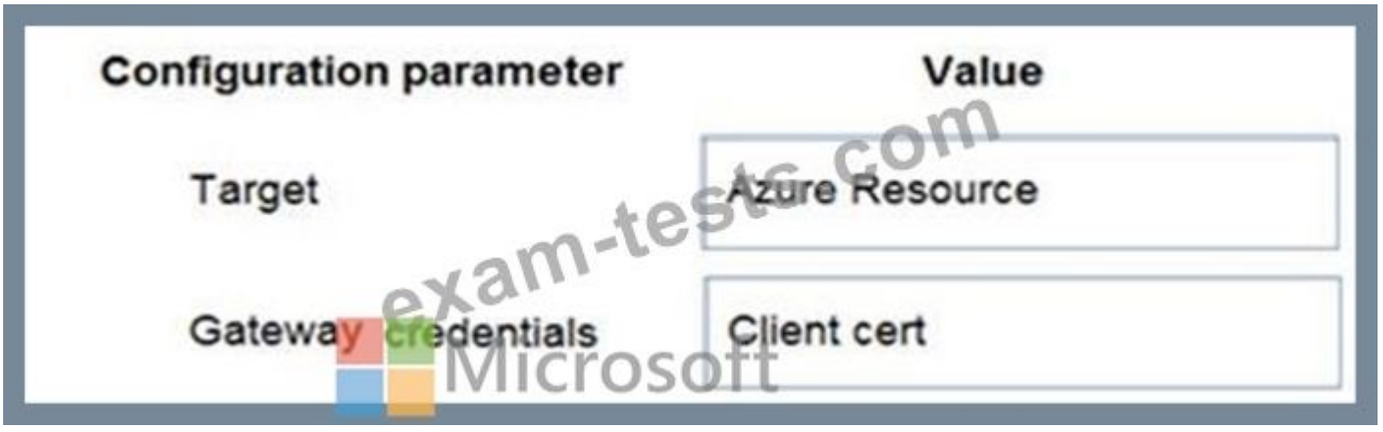
NEW QUESTION: 191
You develop a gateway solution for a public facing news API.
The news API back end is implemented as a RESTful service and hosted in an Azure App Service instance.
You need to configure back-end authentication for the API Management service instance.
Which target and gateway credential 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.



Answer:



Explanation



Box 1: Azure Resource

Box 2: Client cert

API Management allows to secure access to the back-end service of an API using client certificates.

Reference:

https://docs.microsoft.com/en-us/rest/api/apimanagement/apimanagementrest/azure-api-management-rest-api-ba

NEW QUESTION: 192

You are developing an Azure solution to collect inventory data from thousands of stores located

around the world. Each store location will send the inventory data hourly to an Azure Blob storage account for processing.

The solution must meet the following requirements:

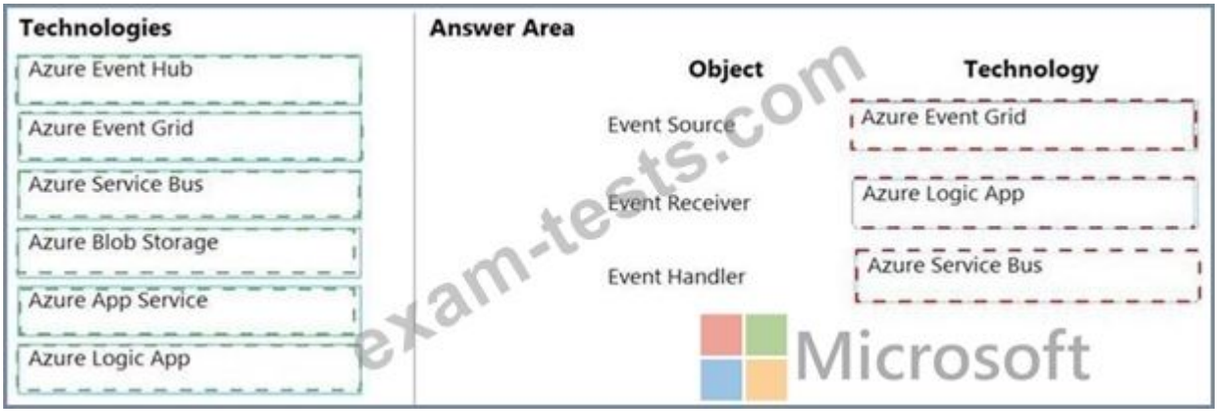
* Begin processing when data is saved to Azure Blob storage.
* Filter data based on store location information.
* Trigger an Azure Logic App to process the data for output to Azure Cosmos DB.
* Enable high availability and geographic distribution.
* Allow 24-hours for retries.
* Implement an exponential back off data processing.

You need to configure the solution.

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

NOTE: Each correct selection is worth one point.

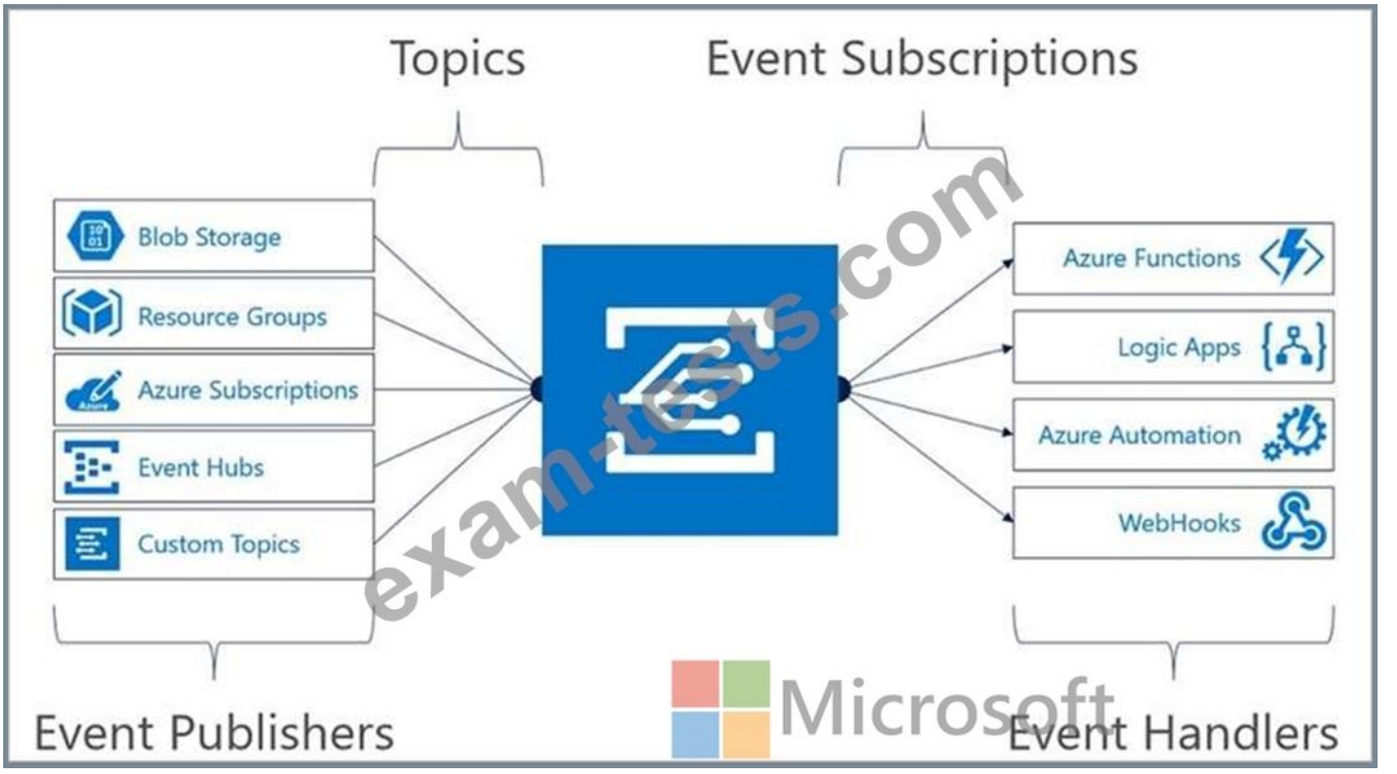
Answer:



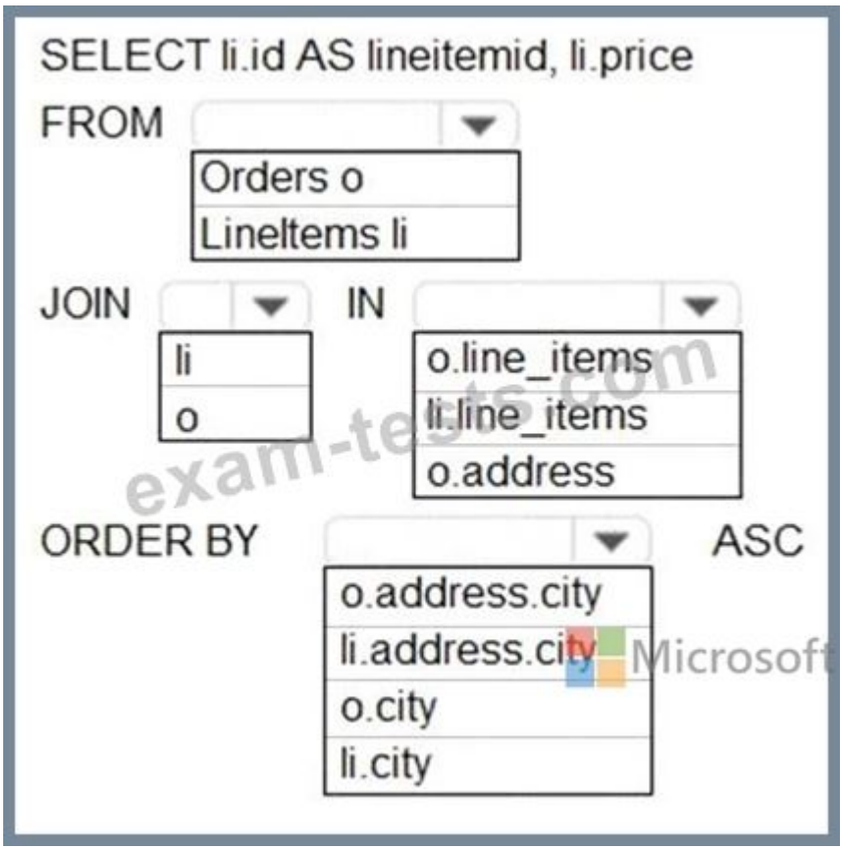
Explanation

Graphical user interface, application Description automatically generated

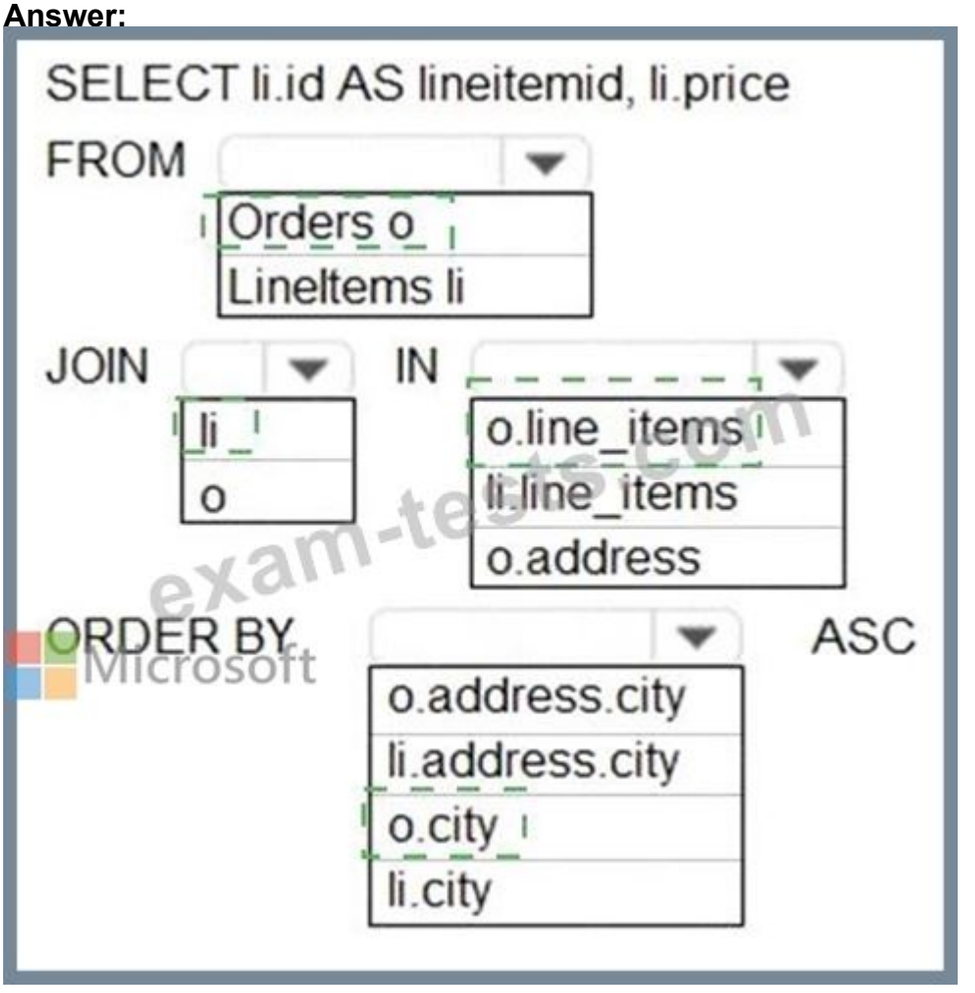
Box 1: Azure Event Grid
Blob storage events are pushed using Azure Event Grid to subscribers such as Azure Functions, Azure Logic Apps, or even to your own http listener. Event Grid provides reliable event delivery to your applications through rich retry policies and dead-lettering.
Box 2: Azure Logic App
Event Grid uses event subscriptions to route event messages to subscribers. This image illustrates the relationship between event publishers, event subscriptions, and event handlers.
Diagram Description automatically generated



Box 3: Azure Service Bus
The Event Grid service doesn't store events. Instead, events are stored in the Event Handlers, including ServiceBus, EventHubs, Storage Queue, WebHook endpoint, or many other supported Azure Services.
Reference:
https://docs.microsoft.com/en-us/azure/storage/blobs/storage-blob-event-overview
https://docs.microsoft.com/en-us/java/api/overview/azure/messaging-eventgrid-readme
NEW QUESTION: 193
You need to retrieve all order line items from Order.json and sort the data alphabetically by the city.
How should you complete the code? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

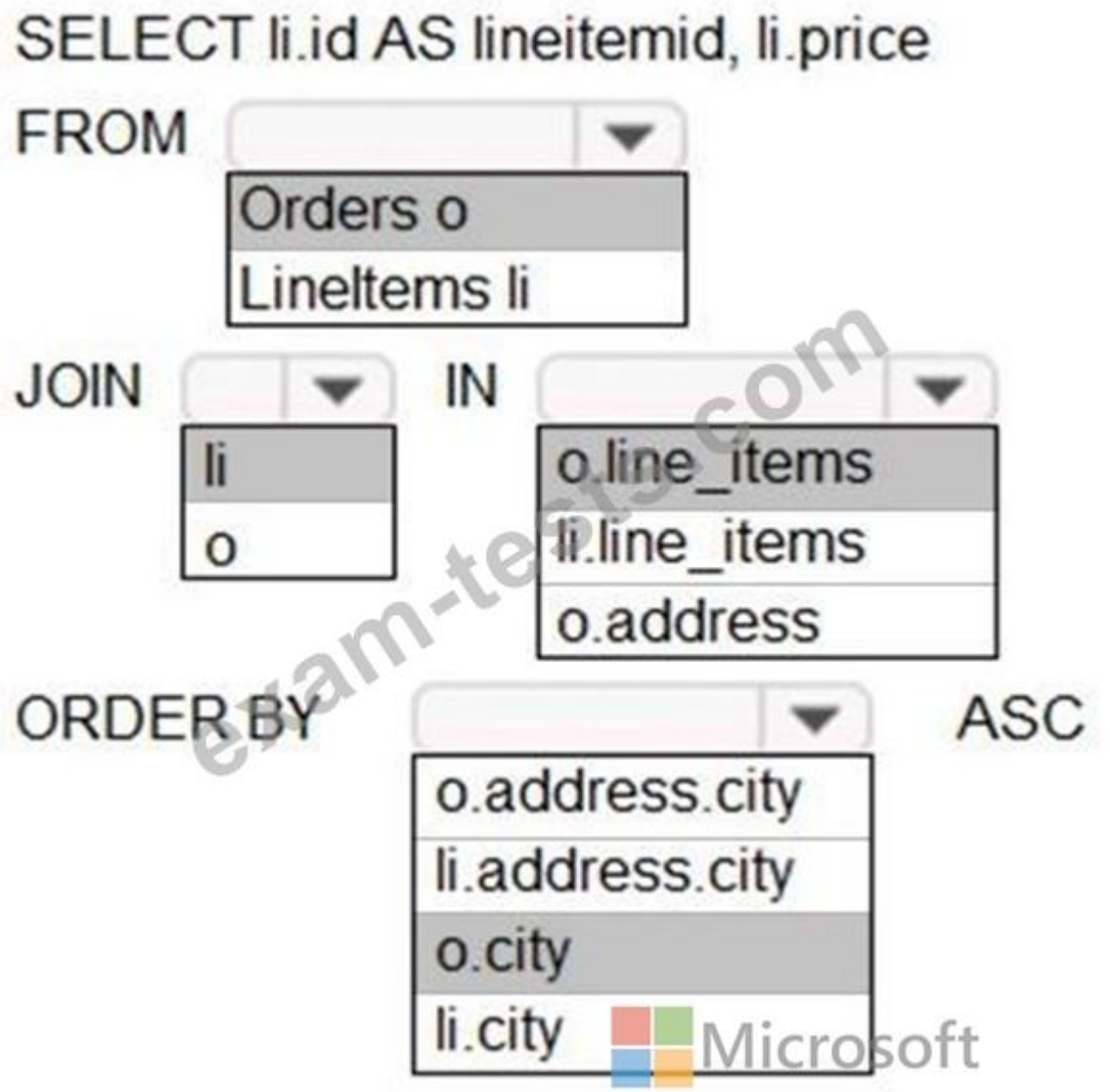


Answer:



Explanation

Graphical user interface Description automatically generated



Box 1: orders o
Scenario: Order data is stored as nonrelational JSON and must be queried using SQL.
Box 2:li
Box 3: o.line_items
Box 4: o.city
The city field is in Order, not in the 2s.
Topic 7, VanArsdel. Ltd
Case study
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 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. If the case study has an All Information tab, note that the information displayed is identical to the information displayed on the subsequent tabs. When you are ready to answer a question, click the button to return to the question.

Background

VanArsdel. Ltd. is a global office supply company. The company fs based in Canada and has retail store locations across the world. The company is developing several cloud-based solutions to support their stores, distributors, suppliers, and delivery services.

Current environment

Requirements

The application components must meet the following requirements:

Corporate website

* Secure the website by using SSL
* Minimize costs tor data storage and hosting.
* Implement native GitHub workflows for continuous integration and continuous deployment (Cl/CO).
* Distribute the website content globally for local use.
* Implement monitoring by using Application Insights and availability web tests including SSL certificate validity and custom header value verification.
* The website must have 99.95 percent uptime.

Corporate website

The company provides a public website located at htlp://www. vanaisdelttd.com. The website consists of a React JavaScript user interface, HTML,CSS, image assets, and several APIs hosted in Azure functions.

Retail store locations

* Azure Functions must process data immediately when data is uploaded to Blob storage. Azure Functions must update Azure Cosmos D3 by using native SQL language queries.
* Audit store sale transaction information nightly to validate data, process sates financials, and reconcile inventory.

Delivery services

* Store service telemetry data in Azure Cosmos DB by using an Azure Function. Data must include an item id.

the delivery vehicle license plate, vehicle package capacity, and current vehicle location coordinates.

* Store delivery driver profile information in Azure Active Directory Azure AD) by using an Azure Function called from the corporate website.

Inventory services

The company has contracted a third-party to develop an API for inventory processing that requires access to a specific blob within the retail store storage account for three months to include read-only access to the data.

Security

* All Azure Functions must centralize management and distribution of configuration data for different environments and geographies, encrypted by using a company-provided RSA-HSM key.
* Authentication and authorization must use Azure AD and services must use managed identities where possible.

Retail Store Locations

* You must perform a point-in-time restoration of the retail store location data due to an unexpected and accidental deletion of data.
* Azure Cosmos DB queries from the Azure Function exhibit high Request Unit (RU) usage and contain multiple, complex queries that exhibit high point read latency for large items as the function app is scaling.

NEW QUESTION: 194

You need to resolve the Shipping web site error.

How should you configre the Azure Table Storage service? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer:

Box 1: AllowedOrigins

A CORS request will fail if Access-Control-Allow-Origin is missing.

Scenario:

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://testwideworldimporters.com/' is
therefore not allowed access.
```

Box

2: http://test-shippingapi.wideworldimporters.com

Syntax: Access-Control-Allow-Origin: *

Access-Control-Allow-Origin: <origin>

Access-Control-Allow-Origin: null

<origin> Specifies an origin. Only a single origin can be specified.

Box 3: AllowedOrigins

Box 4: POST

The only allowed methods are GET, HEAD, and POST. In this case POST is used.

"<Corsrule>" "allowedmethods" Failed to load no "Access-control-Origin" header is present

References:

https://developer.mozilla.org/en-US/docs/Web/HTTP/Headers/Access-Control-Allow-Origin

NEW QUESTION: 195

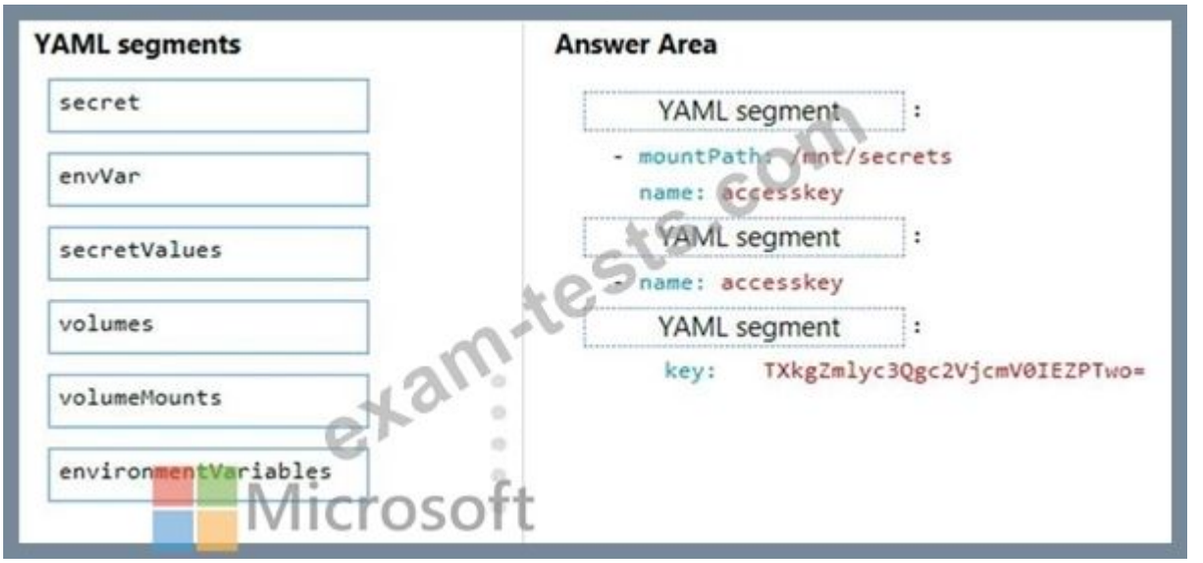
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

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.

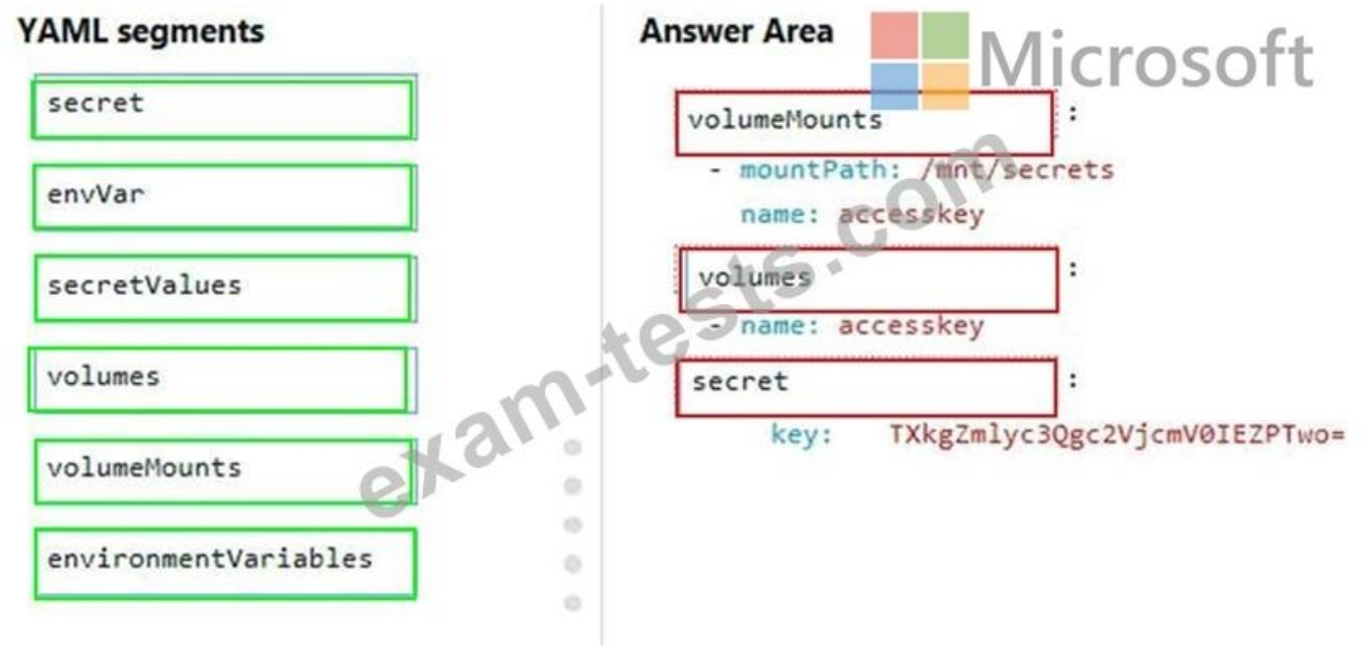
Margie's Travel is an international travel and bookings management service. The company is expanding into restaurant bookings. You are tasked with implementing Azure Search tor the restaurants listed in their solution.

You create the index in Azure Search.
You need to import the restaurant data into the Azure Search service by using the Azure Search NET SDK.
Solution:
1. Create a SearchServiceClient object to connect to the search index.
2. Create a DataContainer that contains the documents which must be added.
3. Create a DataSource instance and set its Container property to the DataContainer.
4. Set the DataSource property of the SearchServiceClient
Does the solution meet the goal?
A. Yes
B. No
Answer: (SHOW ANSWER)
Use the following method:
1. Create a SearchIndexClient object to connect to the search index
2. Create an IndexBatch that contains the documents which must be added.
3. Call the Documents.Index method of the SearchIndexClient and pass the IndexBatch.
https://docs.microsoft.com/en-us/azure/search/search-howto-dotnet-sdk

NEW QUESTION: 196
You need to add YAML markup at line CS17 to ensure that the ContentUploadService can access Azure Storage access keys.
How should you complete the YAML markup? 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.



Answer:



Reference:
https://docs.microsoft.com/en-us/azure/container-instances/container-instances-volume-secret

Topic 1, Contoso, Ltd

Azure Active Directory

Contoso, Ltd. uses Azure Active Directory (Azure AD) for both internal and guest accounts.

Requirements

ContentAnalysisService

The company's data science group built ContentAnalysisService which accepts user generated content as a string and returns a probable value for inappropriate content. Any values over a specific threshold must be reviewed by an employee of Contoso, Ltd.

You must create an Azure Function named CheckUserContent to perform the content checks.

Costs

You must minimize costs for all Azure services.

Manual review

To review content, the user must authenticate to the website portion of the ContentAnalysisService using their Azure AD credentials. The website is built using React and all pages and API endpoints require authentication. In order to review content a user must be part of a ContentReviewer role. All completed reviews must include the reviewer's email address for auditing purposes.

High availability

All services must run in multiple regions. The failure of any service in a region must not impact overall application availability.

Monitoring

An alert must be raised if the ContentUploadService uses more than 80 percent of available CPU cores.

Security

You have the following security requirements:

Any web service accessible over the Internet must be protected from cross site scripting attacks.
All websites and services must use SSL from a valid root certificate authority.
Azure Storage access keys must only be stored in memory and must be available only to the service.
All Internal services must only be accessible from internal Virtual Networks (VNets).
All parts of the system must support inbound and outbound traffic restrictions.
All service calls must be authenticated by using Azure AD.
User agreements
When a user submits content, they must agree to a user agreement. The agreement allows employees of Contoso, Ltd. to review content, store cookies on user devices, and track user's IP addresses.
Information regarding agreements is used by multiple divisions within Contoso, Ltd.
User responses must not be lost and must be available to all parties regardless of individual service uptime. The volume of agreements is expected to be in the millions per hour.
Validation testing
When a new version of the ContentAnalysisService is available the previous seven days of content must be processed with the new version to verify that the new version does not significantly deviate from the old version.
Issues
Users of the ContentUploadService report that they occasionally see HTTP 502 responses on specific pages.
Code
ContentUploadService

```
type: Microsoft.ContainerInstance/containerGroups
location: westus
name: contentUploadService
properties:
    containers:
    - name: service
        properties:
        image: contoso/contentUploadService:latest
        ports:
        - port: 80
          protocol: TCP
        resources:
          requests:
            cpu: 1.0
            memoryInGB: 1.5

ipAddress:
    ip: 10.23.121.112
    ports:
      - port: 80
        protocol: TCP


networkProfile:
```

Microsoft
exam-tests.com

```
AM01 {
AM02       "id" : "2b079f03-9b06-2d44-98bb-e9182901fcb6",
AM03       "appId" : "7118a7f0-b5c2-4c9d-833c-3d711396fe65",
AM04
AM05       "createdDateTime" : "2019-12-24T06:01:44Z",
AM06       "logoUrl" : null,
AM07       "logoutUrl" : null,
AM08       "name" : "ContentAnalysisService",
AM09
AM10
AM11       "orgRestrictions" : [],
AM12       "parentalControlSettings" : {
AM13        "countriesBlockedForMinors" : [],
AM14         "legalAgeGroupRule" : "Allow"
AM15       },
AM16       "passwordCredentials" : []
AM17 }
```

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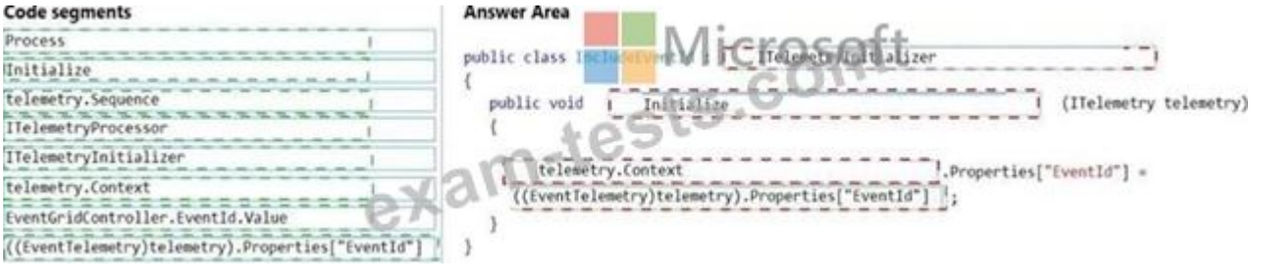
NEW QUESTION: 197

You need to ensure that PolicyLib requirements are met.

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.

Answer:



Explanation

Scenario: You have a shared library named PolicyLib that contains functionality common to all ASP.NET Core web services and applications. The PolicyLib library must:

* Exclude non-user actions from Application Insights telemetry.
* Provide methods that allow a web service to scale itself.
* Ensure that scaling actions do not disrupt application usage.

Box 1: ITelemetryInitializer

Use telemetry initializers to define global properties that are sent with all telemetry; and to override selected behavior of the standard telemetry modules.

Box 2: Initialize

Box 3: Telemetry.Context

Box 4: ((EventTelemetry)telemetry).Properties["EventID"]

Reference:

https://docs.microsoft.com/en-us/azure/azure-monitor/app/api-filtering-sampling

Topic 5, Litware Inc

Case study

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.

Background

You are a developer for Litware Inc., a SaaS company that provides a solution for managing employee expenses. The solution consists of an ASP.NET Core Web API project that is deployed as an Azure Web App.

Overall architecture

Employees upload receipts for the system to process. When processing is complete, the employee receives a summary report email that details the processing results. Employees then use a web application to manage their receipts and perform any additional tasks needed for reimbursement.

Receipt processing

Employees may upload receipts in two ways:

* Uploading using an Azure Files mounted folder
* Uploading using the web application

Data Storage

Receipt and employee information is stored in an Azure SQL database.

Documentation

Employees are provided with a getting started document when they first use the solution. The documentation includes details on supported operating systems for Azure File upload, and instructions on how to configure the mounted folder.

Solution details

Users table

Column	Description
UserId	unique identifier for and employee
ExpenseAccount	employees expense account number in the format 1234-123-1234
AllowedAmount	limit of allowed expenses before approval is needed
SupervisorId	unique identifier for employee's supervisor
SecurityPin	value used to validate user identity

Web Application

You enable MSI for the Web App and configure the Web App to use the security principal name WebAppIdentity.

Processing

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.

Logging

Azure Application Insights is used for telemetry and logging in both the processor and the web

application.
The processor also has TraceWriter logging enabled. Application Insights must always contain all log messages.
Requirements
Receipt processing
Concurrent processing of a receipt must be prevented.
Disaster recovery
Regional outage must not impact application availability. All DR operations must not be dependent on application running and must ensure that data in the DR region is up to date.
Security
* User's SecurityPin must be stored in such a way that access to the database does not allow the viewing of SecurityPins. The web application is the only system that should have access to SecurityPins.
* 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.
* All access to Azure Storage and Azure SQL database must use the application's Managed Service Identity (MSI).
* Receipt data must always be encrypted at rest.
* All data must be protected in transit.
* User's expense account number must be visible only to logged in users. All other views of the expense account number should include only the last segment, with the remaining parts obscured.
* In the case of a security breach, access to all summary reports must be revoked without impacting other parts of the system.
Issues
Upload format issue
Employees occasionally report an issue with uploading a receipt using the web application. They report that when they upload a receipt using the Azure File Share, the receipt does not appear in their profile. When this occurs, they delete the file in the file share and use the web application, which returns a 500 Internal Server error page.
Capacity issue
During busy periods, employees report long delays between the time they upload the receipt and when it appears in the web application.
Log capacity issue
Developers report that the number of log messages in the trace output for the processor is too high, resulting in lost log messages.
Application code
Processing.cs

```
PC01 public static class Processing
PC02 {
PC03   public static class Function
PC04   {
PC05     [FunctionName("IssueWork")]
PC06     public static async Task Run([TimerTrigger("0 */5 * * * *")] TimerInfo timer, ILogger
log)
PC07     {
PC08       var container = await GetCloudBlobContainer();
PC09       foreach (var fileItem in await ListFiles())
PC10       {
PC11         var file = new CloudFile(fileItem.StorageUri.PrimaryUri);
PC12         var ms = new MemoryStream();
PC13         await file.DownloadToStreamAsync(ms);
PC14         var blob = container.GetBlockBlobReference(fileItem.Uri.ToString());
PC15         await blob.UploadFromStreamAsync(ms);
PC16
PC17       }
PC18     }
PC19     private static CloudBlockBlob GetDRBlob(CloudBlockBlob sourceBlob)
PC20     {
PC21       . . .
PC22     }
PC23     private static async Task<CloudBlobContainer> GetCloudBlobContainer()
PC24     {
PC25       var cloudBlobClient = new CloudBlobClient(new Uri(". . ."), await GetCredentials());
PC26
PC27       await cloudBlobClient.GetRootContainerReference().CreateIfNotExistsAsync();
PC28       return cloudBlobClient.GetRootContainerReference();
PC29     }
PC30     private static async Task<StorageCredentials> GetCredentials()
PC31     {
PC32       . . .
PC33     }
PC34     private static async Task<List<IListFileItem>> ListFiles()
PC35     {
PC36       . . .
PC37     }
PC37     private KeyVaultClient _keyVaultClient = new KeyVaultClient(". . .");
PC38   }

PC39 }
```

Database.cs

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```
DB01 public class Database
DB02 {
DB03   private string ConnectionString =
DB04
DB05   public async Task<object> LoadUserDetails(string userId)
DB06   {
DB07
DB08     return await policy.ExecuteAsync(async () =>
DB09     {
DB10       using (var connection = new SqlConnection(ConnectionString))
DB11       {
DB12         await connection.OpenAsync();
DB13         using (var command = new SqlCommand("…", connection))
DB14         using (var reader = command.ExecuteReader())
DB15         {
DB16           …
DB17         }
DB18       }
DB19     });
DB20   }

DB21 }
```

ReceiptUploader.cs

```
tU01 public class ReceiptUploader
tU02 {
tU03   public async Task UploadFile(string file, byte[] binary)
tU04   {
tU05     var httpClient = new HttpClient();
tU06     var response = await httpClient.PutAsync("…", new ByteArrayContent(binary));
tU07     while (ShouldRetry(response))
tU08     {
tU09       response = await httpClient.PutAsync("…", new ByteArrayContent(binary));
tU10     }
tU11   }
tU12   private bool ShouldRetry(HttpResponseMessage response)
tU13   {
tU14
tU15   }
tU16 }
```

ConfigureSSE.ps1

Microsoft
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```
CS01 $storageAccount = Get-AzureRmStorageAccount -ResourceGroupName "..." -AccountName "..."
CS02 $keyVault = Get-AzureRmKeyVault -VaultName "..."
CS03 $key = Get-AzureKeyVaultKey -VaultName $keyVault.VaultName -Name "..."
CS04  Set-AzureRmKeyVaultAccessPolicy `
CS05   -VaultName $keyVault.VaultName `
CS06   -ObjectId $storageAccount.Identity.PrincipalId `
CS07
CS08
CS09  Set-AzureRmStorageAccount `
CS10   -ResourceGroupName $storageAccount.ResourceGroupName `
CS11   -AccountName $storageAccount.StorageAccountName `
CS12   -EnableEncryptionService File `
CS13   -KeyvaultEncryption `
CS14   -KeyName $key.Name
CS15   -KeyVersion $key.Version `
CS16   -KeyVaultUri $keyVault.VaultUri
```

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NEW QUESTION: 198

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.

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Answer:

NEW QUESTION: 199

Property	Description
ShipLocation	the country/region where the order will be shipped
CorrelationId	a priority value for the order
Quantity	a user-defined field that stores the quantity of items in an order
AuditedAt	a user-defined field that records the date an order is audited

The system has the following requirements for subscriptions

Subscription type	Comments
FutureOrders	This subscription is reserved for future use and must not receive any orders.
HighPriorityOrders	Handle all high priority orders and International orders.
InternationalOrders	Handle orders where the country/region is not United States.
HighQuantityOrders	Handle only orders with quantities greater than 100 units.
AllOrders	This subscription is used for auditing purposes. This subscription must receive every single order. AllOrders has an Action defined that updates the AuditedAt property to include the date and time it was received by the subscription.

You need to implement filtering and maximize throughput while evaluating filters.

Which filter types should you implement? To answer, drag the appropriate filter types to the correct subscriptions. Each filter type 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.

Answer:

References:
https://docs.microsoft.com/en-us/azure/service-bus-messaging/topic-filters

NEW QUESTION: 200
You have an app that stores player scores for an online game. The app stores data in Azure tables using a class named PlayerScore as the table entity. The table is populated with 100,000 records.
You are reviewing the following section of code that is intended to retrieve 20 records where the player score exceeds 15,000. (Line numbers are included for reference only.)

```
1 public void GetScore(string.playerId, int score, string gameName)
2 {
3    Table Query<DynamicTableEntity> query - new TableQuery<DynamicTableEntity>().Select(new.string[.] { "Score" })
       .Where(TableQuery.GenerateFilterConditionForInt("Score", QueryComparisons.GretaerThanOrEqual, 15000)).Take
(20);
4    EntityResolver<KeyValuePair<string, int?>> resolver =
      (partitionKey, rowKey, ts, props, etag) => new KeyValuePair<string, int?>(rowKey, props["Score"].Int32Value);
5    foreach (var scoreItem in scoreTable.ExecuteQuery (query, resolver, null, null))
6    {
      Console.Writeline($"{scoreItem.Key} {scoreItem.Value}");
7    }
8   }

9  public class PlayerScore : TableEntity
10 {
11   public PlayerScore(string gameId, string playerId, int score, long timePlayed)
12   {
13     PartitionKey = gameId;
14     RowKey = playerId;
15     Score = score;
16     TimePlayed = timePlayed;
17   }
18   public int Score { get; set; }
19   public long TimePlayed { get; set; }
20   }
```

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

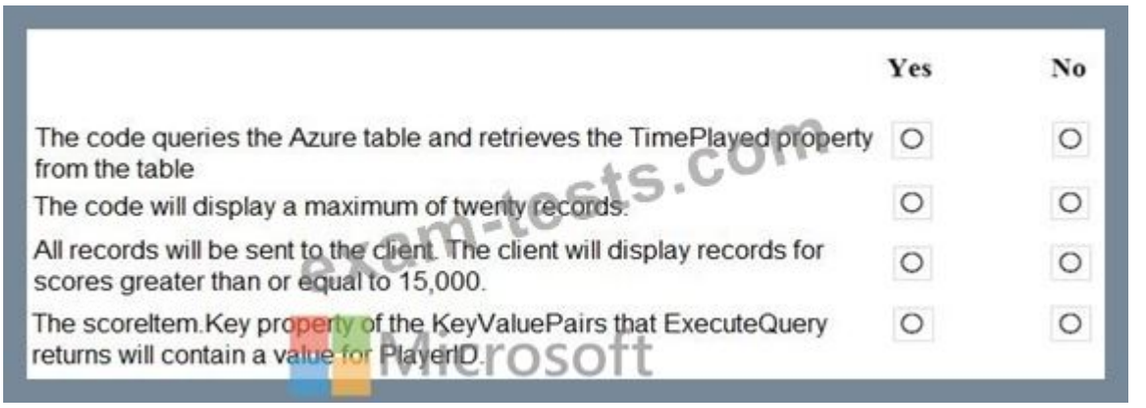
```
2 {
3    CloudStorageAccount storageAccount = CloudStorageAccount.Parse(connectionString
4    CloudTableClient tableClient = storageAccount.CreateCloudTableClinet();
5    CloudTable table = tableClient.GetTableReference("scoreTable");
6    table.CreateIfNotExists();
7    var scoreRecord = new PlayerScore(gameId, playerId, score, timePlayed);
8    TableOperation insertOperation = TableOperation.Insert(scoreRecord);
9    table.Execute(insertOperation);
0  }
1  public class PlayerScore : TableEntity
2  {
3    public PlayerScore(string gameId, string playerId, int score, long timePlayed)
4    {
5      this.PartitionKey = gameId;
6      this.RowKey = playerId;
7    Score = score;
8    TimePlayed = timePlayed;
9    }
0    public int Score { get; set; }
1    public long TimePlayed { get; set; }
```

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

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



Answer:

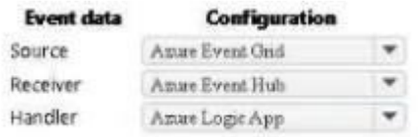
	Yes	No
The code queries the Azure table and retrieves the TimePlayed property from the table	○	●
The code will display a maximum of twenty records.	●	○
All records will be sent to the client. The client will display records for scores greater than or equal to 15,000.	●	○
The scoreItem.Key property of the KeyValuePairs that ExecuteQuery returns will contain a value for PlayerID.	●	○

Reference:
https://www.vkinfotek.com/azureqa/how-do-i-query-azure-table-storage-using-tablequery-class.html

NEW QUESTION: 201
You need to implement event routing for retail store location data.
Which configuration should you use?

Answer:

Graphical user interface, text, application Description automatically generated



NEW QUESTION: 202

You are developing a web application that makes calls to the Microsoft Graph API. You register the application in the Azure portal and upload a valid X509 certificate.

You create an appsettings.json file containing the certificate name, client identifier for the application, and the tenant identifier of the Azure active Directory (Azure AD). You create a method named ReadCertificate to return the X509 certificate by name.

You need to implement code that acquires a token by using the certificate.

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:

NEW QUESTION: 203

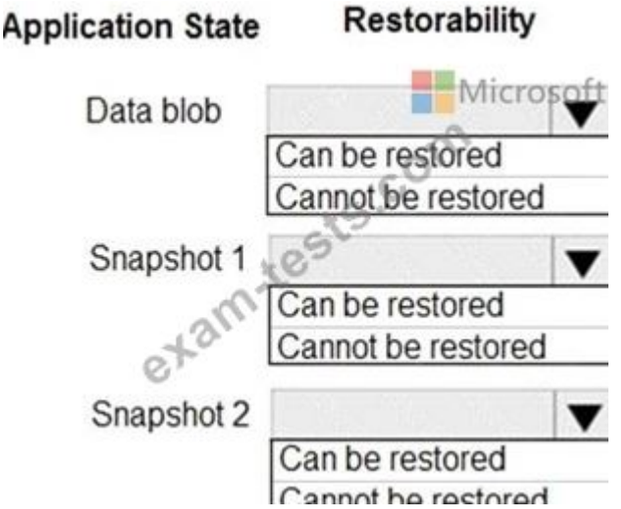
You are developing an application that use an Azure blob named data to store application data.

The application creates blob snapshots to allow application state to be reverted to an earlier state.

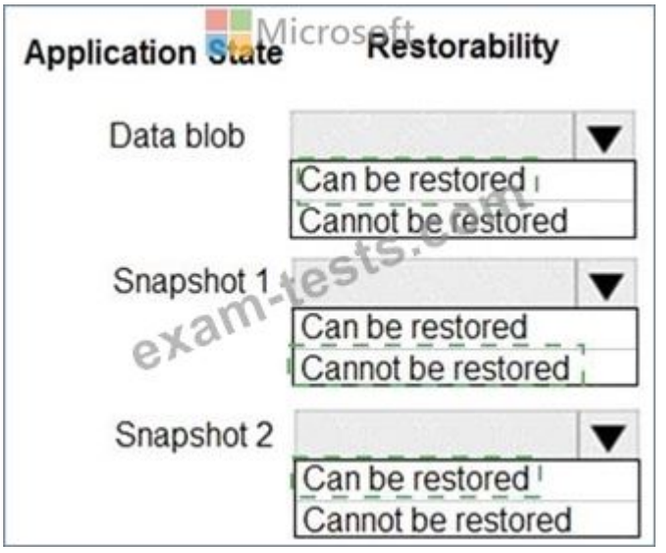
The Azure storage account has soft deleted enabled.

The system performs the following operations in order:

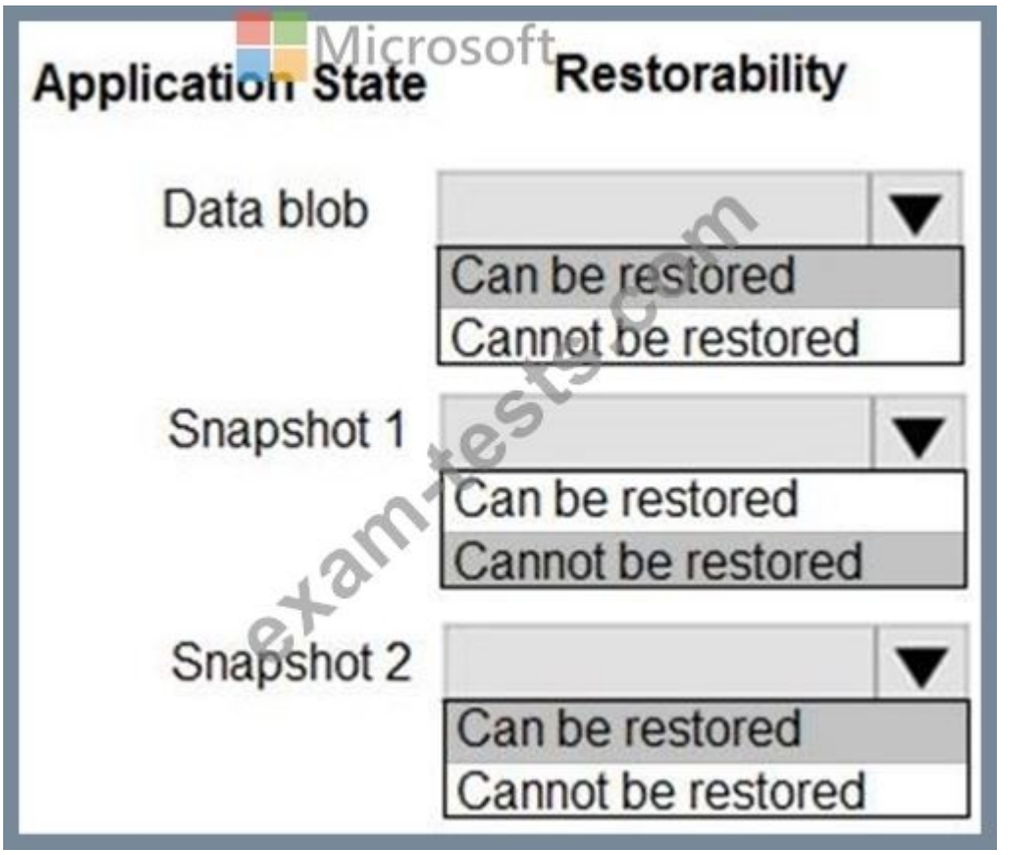
*The blob is updated
*Snapshot 1 is created.
*Snapshot 2 is created.
*Snapshot 1 is deleted.
A system error then deletes the data blob and all snapshots.
You need to determine which application states can be restored.
What is the restorability of the application data? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.



Answer:



Explanation



Box 1: Can be restored

When enabled, soft delete enables you to save and recover your data when blobs or blob snapshots are deleted.

This protection extends to blob data that is erased as the result of an overwrite.

Box 2: Cannot be restored

It has been deleted.

Box 3: Can be restored

It has not been deleted.

References:

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

NEW QUESTION: 204

You are developing an ASP.NET Core website that uses Azure FrontDoor. The website is used to build custom weather data sets for researchers. Data sets are downloaded by users as Comma Separated Value (CSV) files. The data is refreshed every 10 hours.

Specific files must be purged from the FrontDoor cache based upon Response Header values.

You need to purge individual assets from the Front Door cache.

Which type of cache purge should you use?

A. single path

B. wildcard

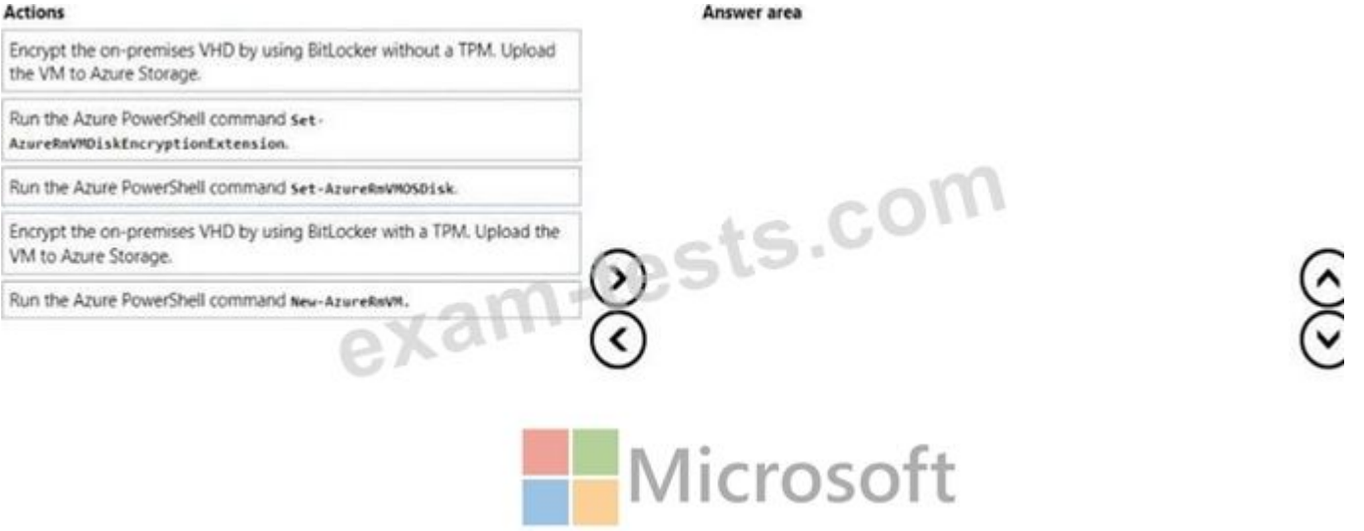
C. root domain

Answer: A (LEAVE A REPLY)

Explanation

These formats are supported in the lists of paths to purge:
* Single path purge: Purge individual assets by specifying the full path of the asset (without the protocol and domain), with the file extension, for example, /pictures/strasbourg.png;
* Wildcard purge: Asterisk (*) may be used as a wildcard. Purge all folders, subfolders, and files under an endpoint with /* in the path or purge all subfolders and files under a specific folder by specifying the folder followed by /*, for example, /pictures/*.
* Root domain purge: Purge the root of the endpoint with "/" in the path.
Reference:
https://docs.microsoft.com/en-us/azure/frontdoor/front-door-caching

NEW QUESTION: 205
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.



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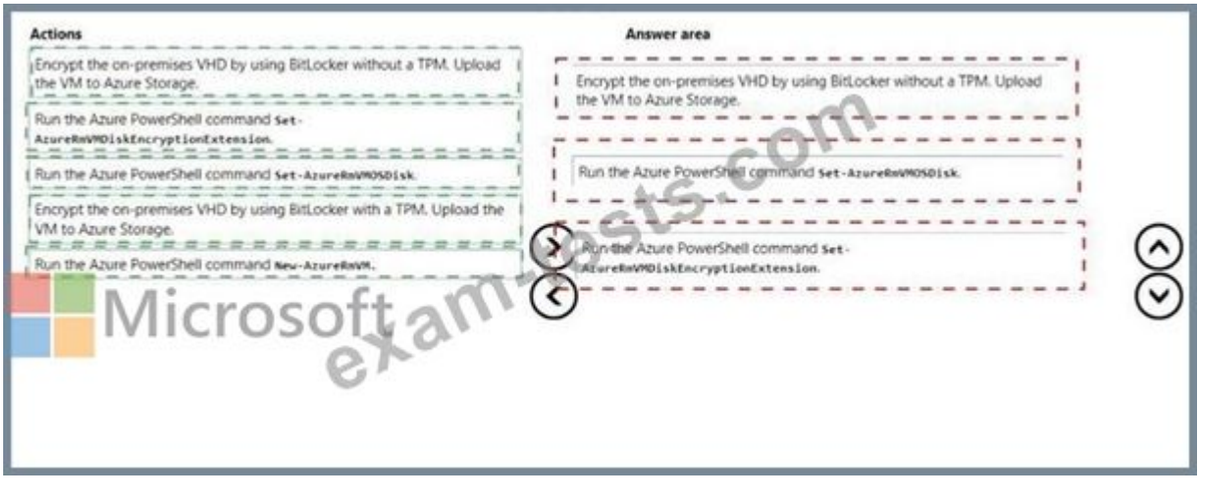
Microsoft

Answer:



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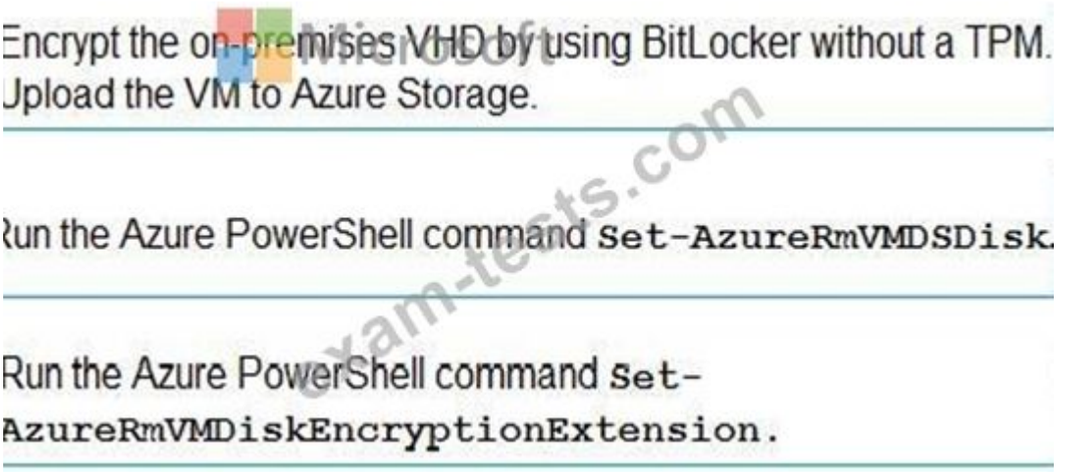
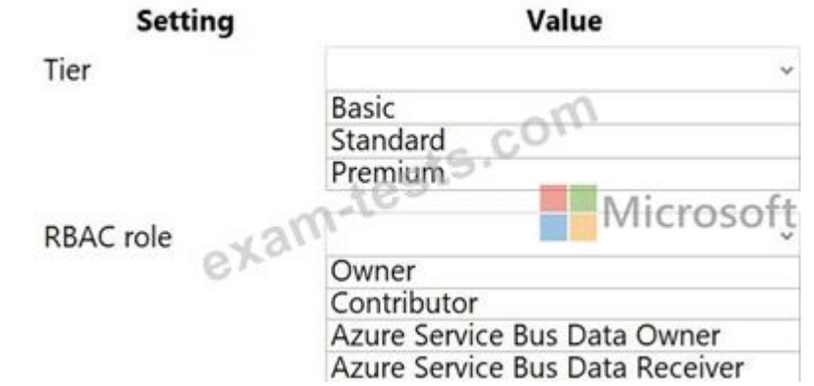
Explanation

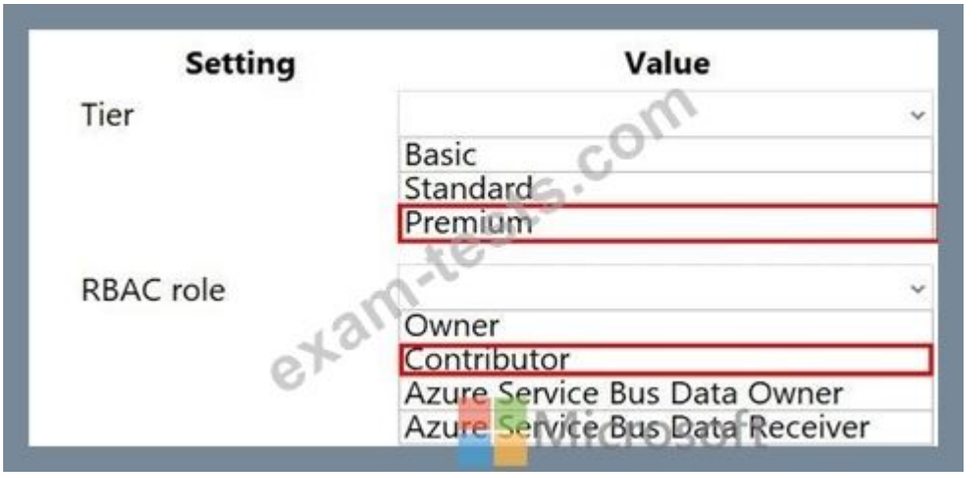


Step 1: Encrypt the on-premises VHD by using BitLocker without a TPM. Upload the VM to Azure Storage Step 2: Run the Azure PowerShell command Set-AzureRMVMOSDisk To use an existing disk instead of creating a new disk you can use the Set-AzureRMVMOSDisk command.
Example:
$osDiskName = $vmname+'_osDisk'
$osDiskCaching = 'ReadWrite'
$osDiskVhdUri = "https://$stoname.blob.core.windows.net/vhds/"+$vmname+"_os.vhd"
$vm = Set-AzureRmVMOSDisk -VM $vm -VhdUri $osDiskVhdUri -name $osDiskName -Create
Step 3: Run the Azure PowerShell command Set-AzureRmVMDiskEncryptionExtension Use the Set-AzVMDiskEncryptionExtension cmdlet to enable encryption on a running IaaS virtual machine in Azure.
Incorrect:
Not TPM: BitLocker can work with or without a TPM. A TPM is a tamper resistant security chip on the system board that will hold the keys for encryption and check the integrity of the boot sequence and allows the most secure BitLocker implementation. A VM does not have a TPM.
References:
https://www.itprotoday.com/iaaspaas/use-existing-vhd-azurerm-vm

NEW QUESTION: 206
You need to configure Azure Service Bus to Event Grid integration.
Which Azure Service Bus settings should you use? 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/azure/service-bus-messaging/service-bus-to-event-grid-integration-concept

NEW QUESTION: 207

You are developing an Azure Cosmos DB solution by using the Azure Cosmos DB SQL API. The data includes millions of documents. Each document may contain hundreds of properties.

The properties of the documents do not contain distinct values for partitioning. Azure Cosmos DB must scale individual containers in the database to meet the performance needs of the application by spreading the workload evenly across all partitions over time.

You need to select a partition key.

Which two partition keys can you use? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

A. a single property value that does not appear frequently in the documents

B. a value containing the collection name

C. a single property value that appears frequently in the documents

D. a concatenation of multiple property values with a random suffix appended

E. a hash suffix appended to a property value

Answer: D,E (LEAVE A REPLY)

Explanation

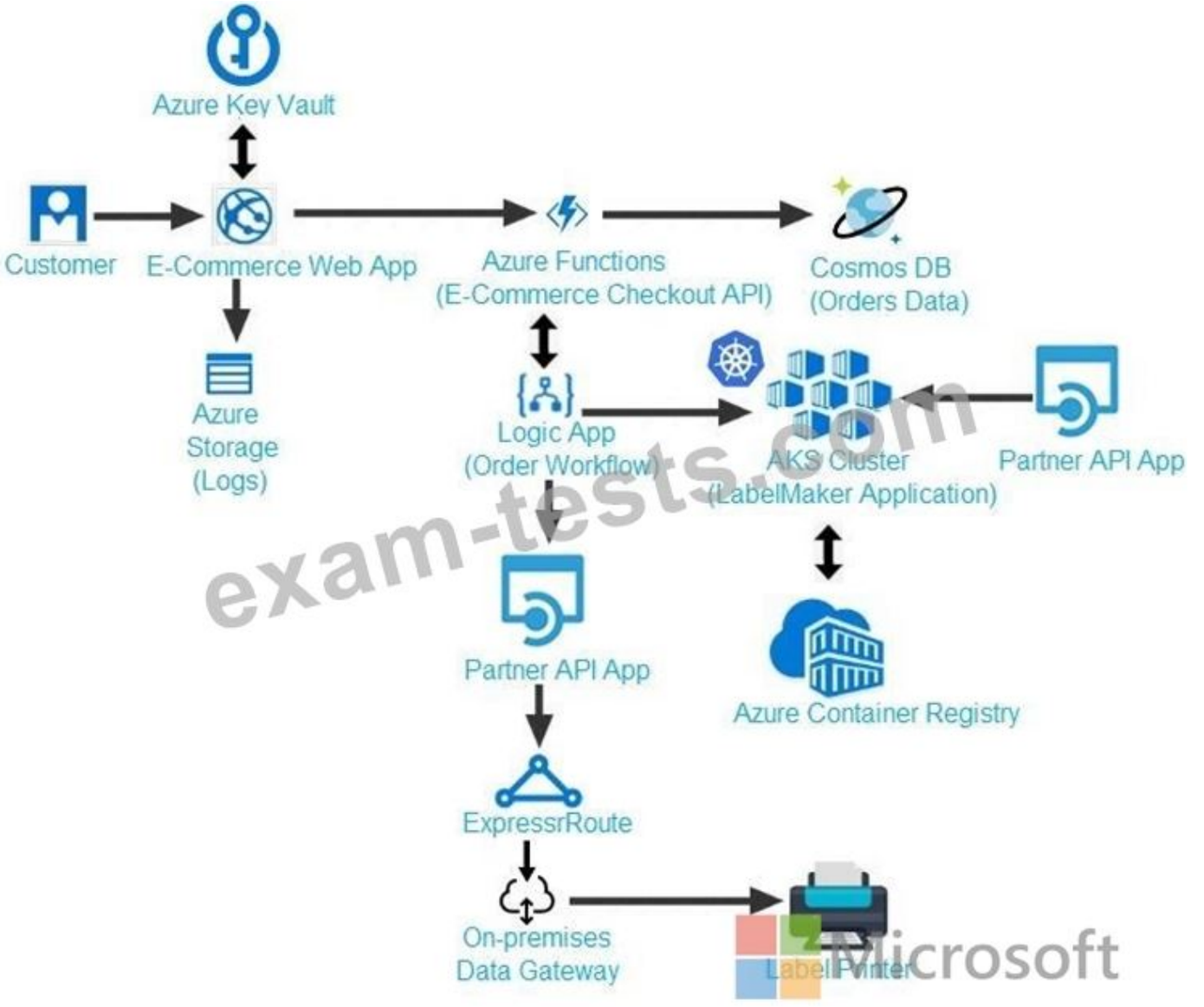
Explanation:

You can form a partition key by concatenating multiple property values into a single artificial

partitionKey property. These keys are referred to as synthetic keys.
Another possible strategy to distribute the workload more evenly is to append a random number at the end of the partition key value. When you distribute items in this way, you can perform parallel write operations across partitions.
Note: It's the best practice to have a partition key with many distinct values, such as hundreds or thousands.
The goal is to distribute your data and workload evenly across the items associated with these partition key values. If such a property doesn't exist in your data, you can construct a synthetic partition key.
Reference:
https://docs.microsoft.com/en-us/azure/cosmos-db/synthetic-partition-keys

NEW QUESTION: 208
Case Study 6
LabelMaker app
Coho Winery produces bottles, and distributes a variety of wines globally. You are 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.
Data
You identify the following requirements for data management and manipulation:
* Order data is stored as nonrelational JSON and must be queried using Structured Query Language (SQL).
* Changes to the Order data must reflect immediately across all partitions. All reads to the Order data must fetch the most recent writes.
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.
* External partner logins must be audited monthly for application use by a user account administrator to maintain company compliance.
* Storage of e-commerce application settings must be maintained in Azure Key Vault.
* 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 applications must be secured by using an AAD account that has full access to all namespaces of the Azure Kubernetes Service (AKS) cluster.
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.



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

```
01 {
02   "id : 1,
03   "customers" : [
04   {
05     "familyName" : "Doe",
```

```
    "familyName" : "Doe",
    "givenName" :  "John",
    "customerid" :  5
  }
  ],
  "line"_items" : [
{
   "fulfillable_quantity" : 1,
  "id" : 6,
  "price" : "199.99",
  "product_id" : 7513594,
  "quantity": 1,
  "requires_shipping" : true,
  "sku" : "SFC-342-N" ,
"title" : "Surface Go",
  "vendor" : "Microsoft" ,
  "name" : "Surface Go - 8GB",
  "taxable" : true,
  "tax"_lines" : [
  {
   "title" : "State Tax",
  "price" : "3.98",
  "rate" : 0.06
  }
],
  "total_discount" : "5.00"
  "discount_allocations" : [
  {
   "amount" : "5.00",
   "discount_application_index" : 2
     }
```

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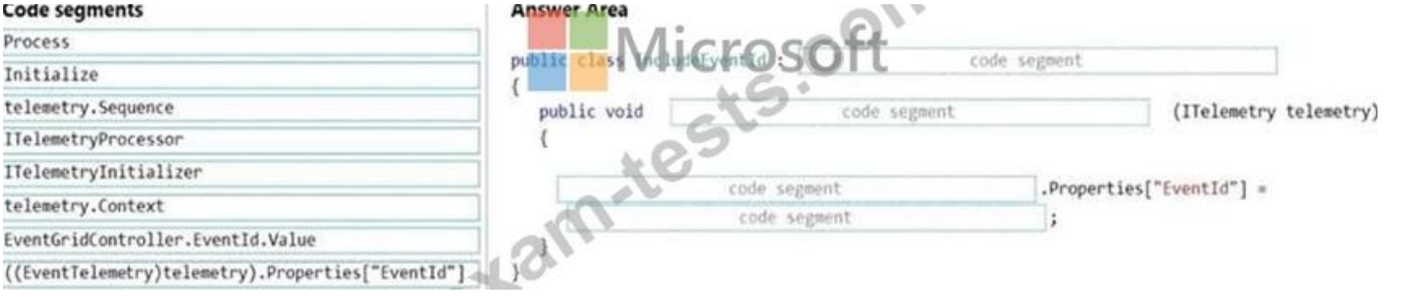
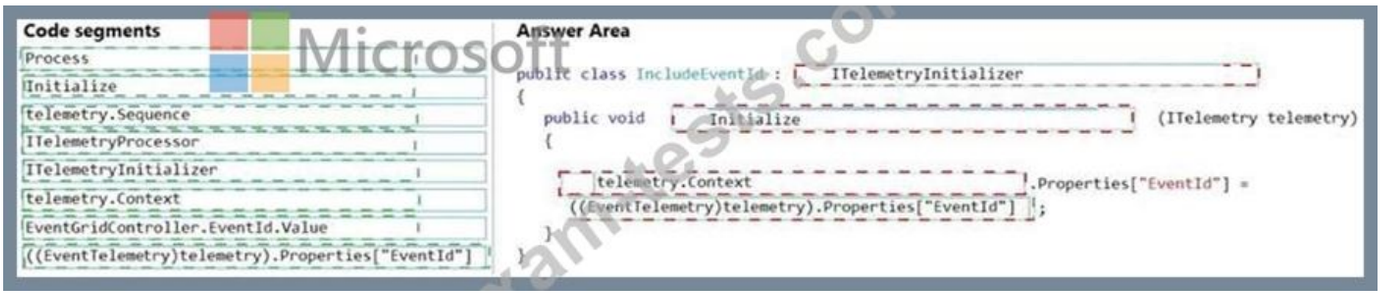
```
36     ]
37    }
38  ],
39 "address" : {
40 "state" : "NY",
41 "country" : "Manhattan",
42  "city" : "NY"
43     }
44    }
```

You need to meet the LabelMaker application security requirement.
What should you do?
A. Create a conditional access policy and assign it to the Azure Kubernetes Service cluster.
B. Place the Azure Active Directory account into an Azure AD group. Create a ClusterRoleBinding and assign it to the group.
C. Create a RoleBinding and assign it to the Azure AD account.
D. Create a Microsoft Azure Active Directory service principal and assign it to the Azure Kubernetes Service (AKS) cluster.
Answer: B (LEAVE A REPLY)
Scenario: The LabelMaker applications must be secured by using an AAD account that has full access to all namespaces of the Azure Kubernetes Service (AKS) cluster.
Permissions can be granted within a namespace with a RoleBinding, or cluster-wide with a ClusterRoleBinding.
References:
https://kubernetes.io/docs/reference/access-authn-authz/rbac/

NEW QUESTION: 209
You need to ensure that PolicyLib requirements are met.
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.



Answer:



Explanation

```
public class IncludeEventId : ITelemetryInitializer
{
   public void Initialize (ITelemetry telemetry
   {

      telemetry.Context .Properties["EventId"] =
       ((EventTelemetry)telemetry).Properties["EventId"] ;
   }
}
```

Scenario: You have a shared library named PolicyLib that contains functionality common to all ASP.NET Core web services and applications. The PolicyLib library must:

* Exclude non-user actions from Application Insights telemetry.
* Provide methods that allow a web service to scale itself.
* Ensure that scaling actions do not disrupt application usage.

Box 1: ITelemetryInitializer

Use telemetry initializers to define global properties that are sent with all telemetry; and to override selected behavior of the standard telemetry modules.

Box 2: Initialize

Box 3: Telemetry.Context

Box 4: ((EventTelemetry)telemetry).Properties["EventID"]

Reference:

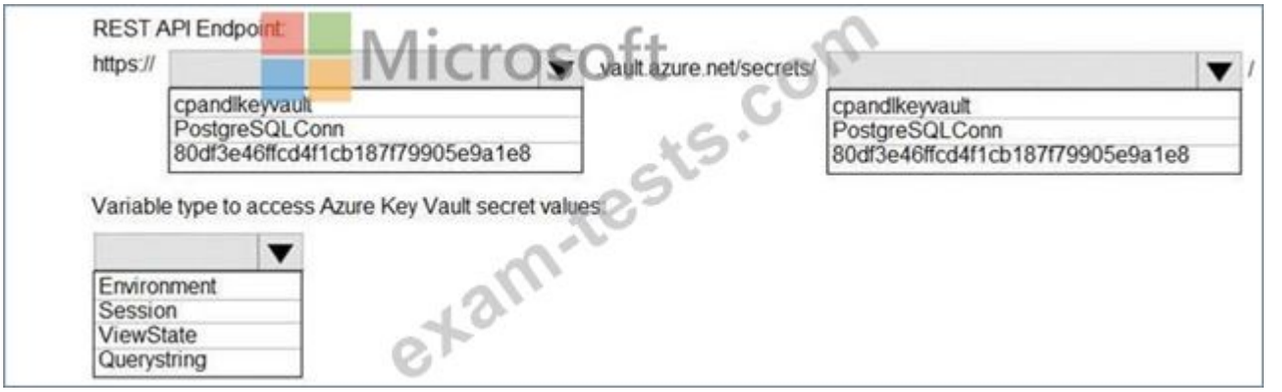
https://docs.microsoft.com/en-us/azure/azure-monitor/app/api-filtering-sampling

NEW QUESTION: 210

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.



Answer:

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Azure database connection string retrieve REST API vault.azure.net/secrets/ Box 1: cpandlkeyvault We specify the key vault, cpandlkeyvault.
Scenario: The database connection string is stored in Azure Key Vault with the following attributes:
Azure Key Vault name: cpandlkeyvault
Secret name: PostgreSQLConn
Id: 80df3e46ffcd4f1cb187f79905e9a1e8
Box 2: PostgreSQLConn
We specify the secret, PostgreSQLConn
Example, sample request:
https://myvault.vault.azure.net//secrets/mysecretname/4387e9f3d6e14c459867679a90fd0f79?api-version=7.1 Box 3: Querystring Reference:
https://docs.microsoft.com/en-us/rest/api/keyvault/getsecret/getsecret

NEW QUESTION: 211
You need to secure the Shipping Function app.
How should you configure the app? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

Setting	Value
Authorization level	Function Anonymous Admin
User claims	JSON Web Token (JWT) Shared Access Signature (SAS) token API Key
Trigger type	blob HTTP queue timer

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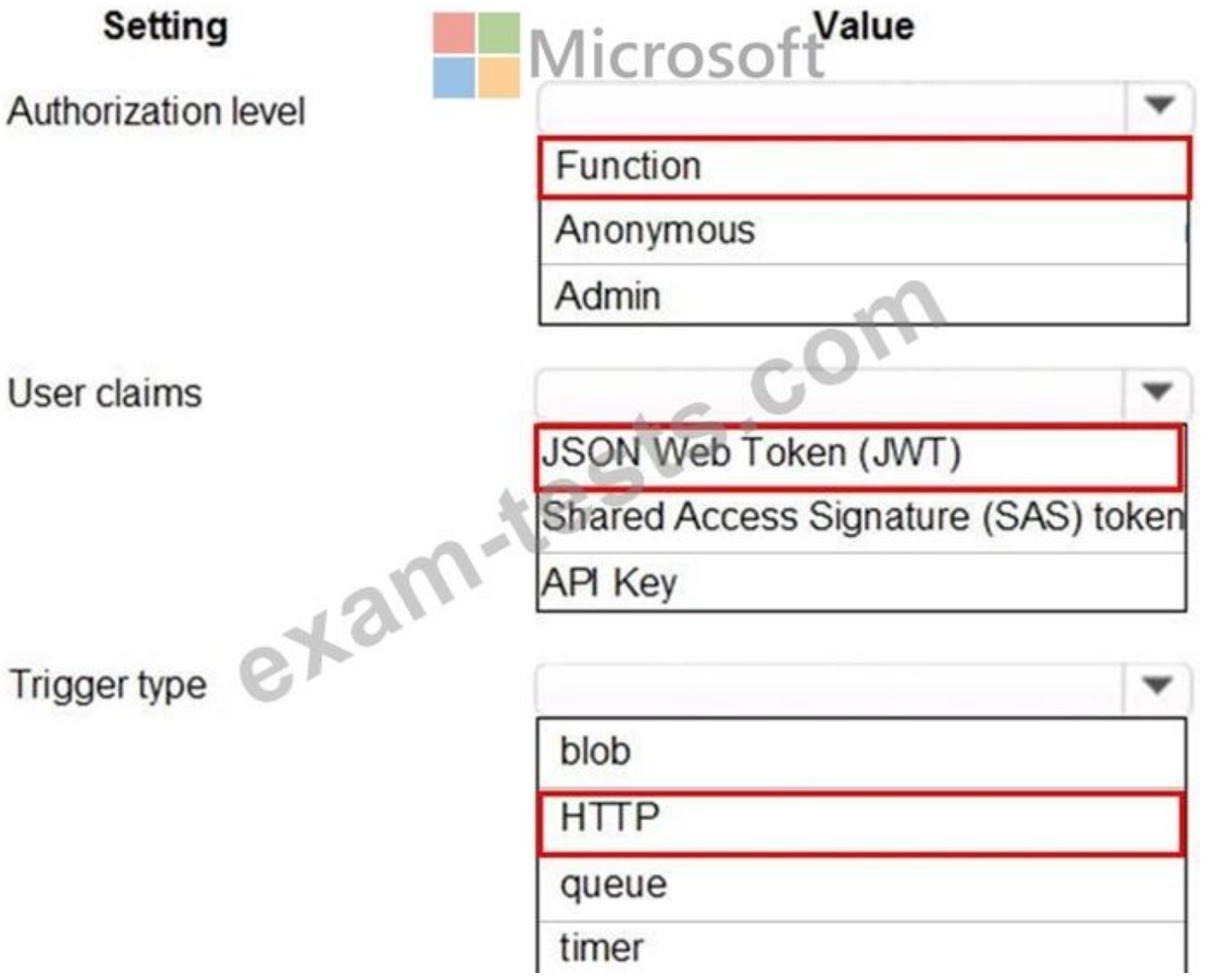
Answer:



Reference:
https://docs.microsoft.com/en-us/azure/active-directory/develop/authentication-scenarios

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NEW QUESTION: 212
You are developing a speech-enabled home automation control bot.
The bot interprets some spoken words incorrectly.
You need to improve the spoken word recognition for the bot.
What should you implement?
A. The Skype for Business Channel and use scorable dialogs for improving conversation flow

B. The Skype Channel and Speech priming using a LUIS app
C. The Cortana Channel and Speech priming using a LUIS app
D. The Web Chat Channel and use scorable dialogs for improving conversation flow
Answer: C (LEAVE A REPLY)
Speech priming improves the recognition of spoken words and phrases that are commonly used in your bot. For speech-enabled bots that use the Web Chat and Cortana channels, speech priming uses examples specified in Language Understanding (LUIS) apps to improve speech recognition accuracy for important words.
References:
https://docs.microsoft.com/en-us/azure/bot-service/bot-service-manage-speech- priming?view=azure-bot-service-4.0

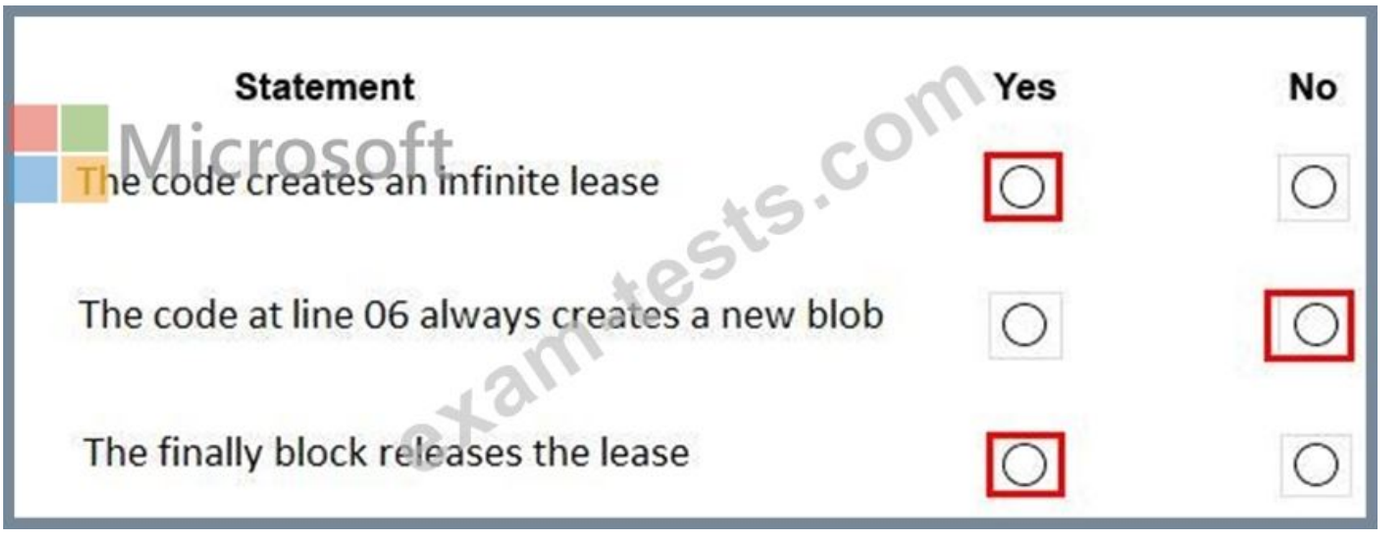
NEW QUESTION: 213
You are developing a solution that uses the Azure Storage Client library for .NET. You have the following code: (Line numbers are included for reference only.)

```
01 CloudBlockBlob src = null;
02 try
03 {
04    src = container.ListBlobs().OfType<CloudBlockBlob>().FirstOrDefault();
05    var id = await src.AcquireLeaseAsync(null);
06    var dst = container.GetBlockBlobReference(src.Name);
07    string cpid = await dst.StartCopyAsync(src);
08    await dst.FetchAttributeAsync();
09    return id;
10 }
11 catch (Exception e)
12 {
13    throw;
14 }
15 finally
16 {
17    if (src != null)
18    await src.FetchAttributesAsync();
19    if (src.Properties.LeaseState != LeaseState.Available)
20    await src.BreakLeaseAsync(new TimeSpan(0));
21 }
```

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

Statement	Yes	No
The code creates an infinite lease	○	○
The code at line 06 always creates a new blob	○	○
The finally block releases the lease	○	○

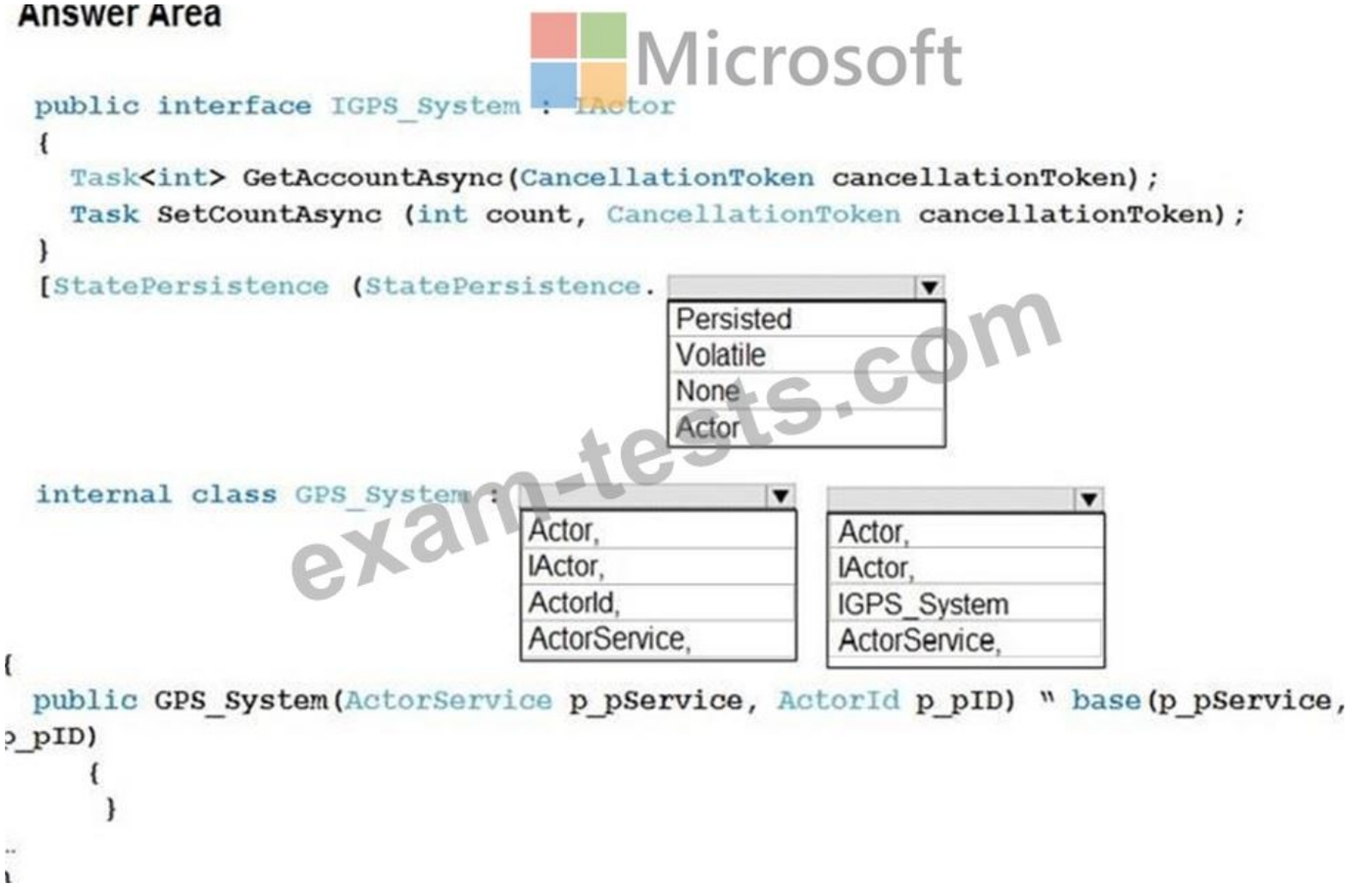
Answer:



Reference:
https://docs.microsoft.com/en-us/dotnet/api/microsoft.azure.storage.blob.cloudblobcontainer.acquireleaseasync
https://docs.microsoft.com/en-us/dotnet/api/microsoft.azure.storage.blob.cloudblobcontainer.getblockblobreference
https://docs.microsoft.com/en-us/dotnet/api/microsoft.azure.storage.blob.cloudblobcontainer.breakleaseasync

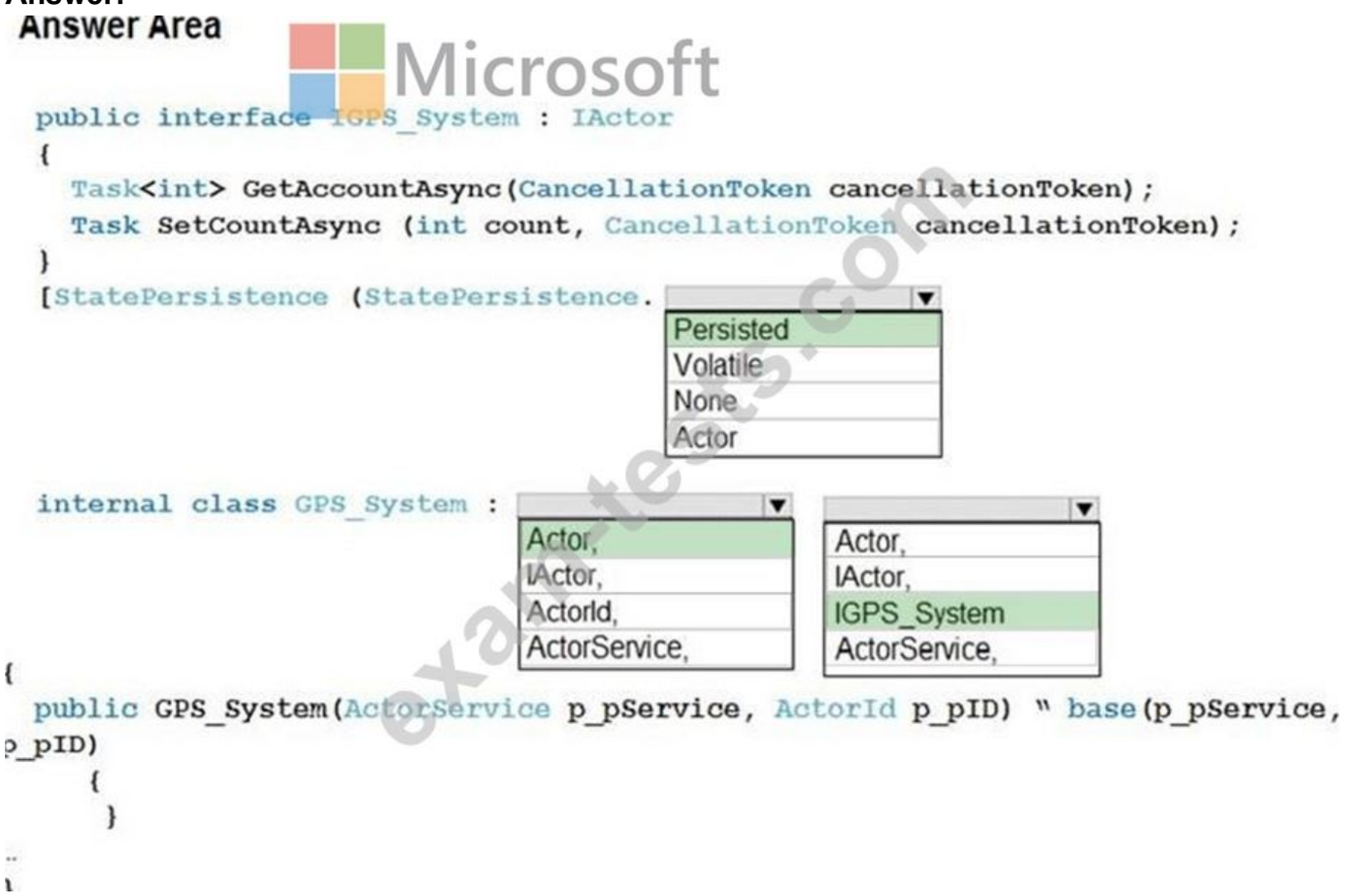
NEW QUESTION: 214
Hotspot Question
You develop a microservice solution for a company.
The solution uses the Actor design pattern for all services including mappings, GPS, and communication. The mapping and communication systems must persist state on disk. The GPS system must persist state in-memory. All Actors must have a service replica count of three.
You need to implement code for the GPS system.
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



Answer:

Answer Area



Explanation:

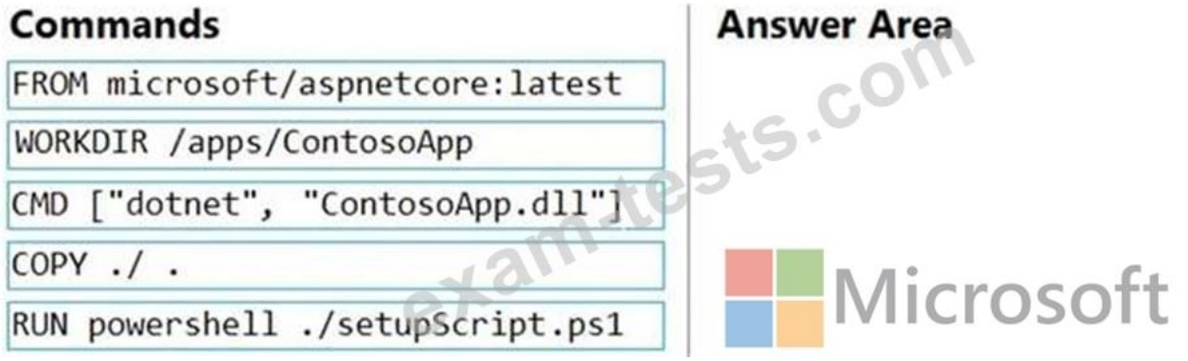
Example:

The state manager retrieval methods return a reference to an object in local memory. Modifying this object in local memory alone does not cause it to be saved durably. When an object is retrieved from the state manager and modified, it must be reinserted into the state manager to be saved durably.

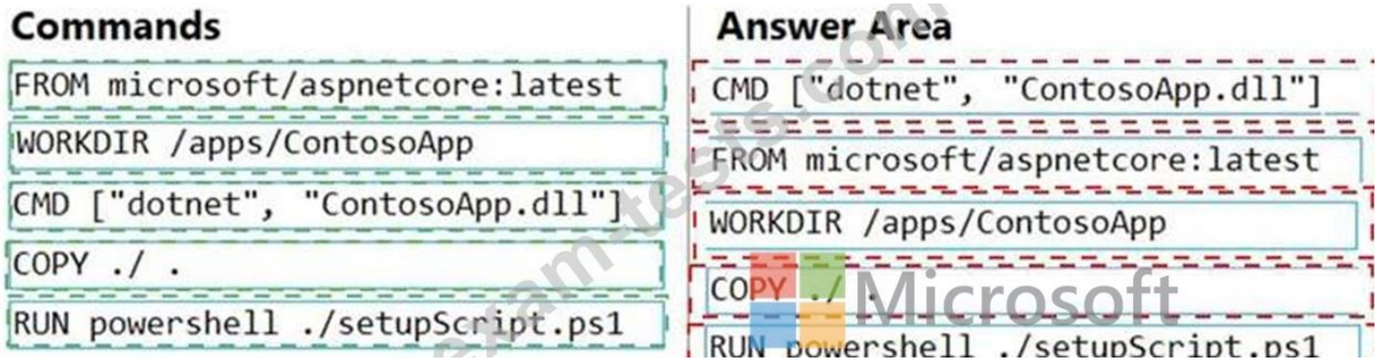
```
[StatePersistence(StatePersistence.Persisted)]
class MyActor : Actor, IMyActor
{
public MyActor(ActorService actorService, ActorId actorId)
: base(actorService, actorId)
{
}
public Task SetCountAsync(int value)
{
return this.StateManager.SetStateAsync<int>("MyState", value);
}
}
```

References:
https://docs.microsoft.com/en-us/azure/service-fabric/service-fabric-reliable-actors-access-save-remove-state

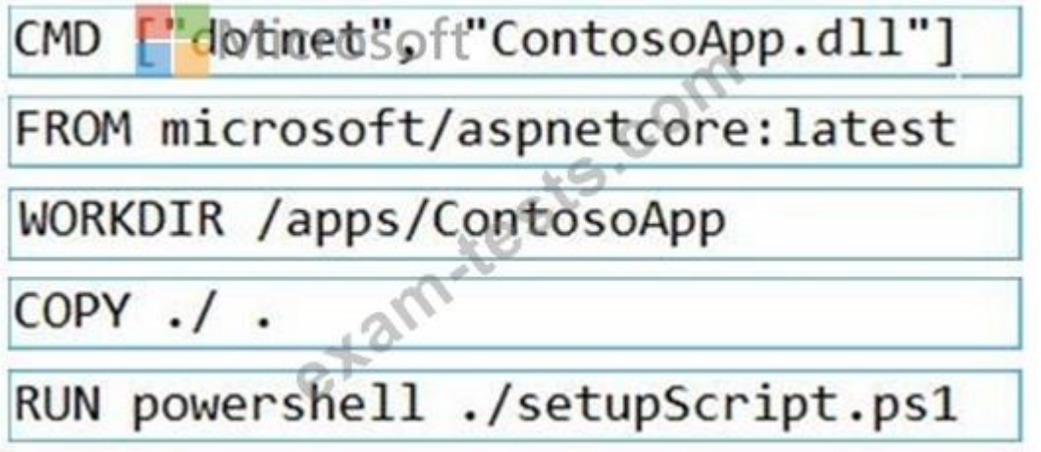
NEW QUESTION: 215
You plan to create a Docker image that runs an ASP.NET Core application named ContosoApp.
You have a setup script named setupScript.ps1 and a series of application files including ContosoApp.dll.
You need to create a Dockerfile document that meets the following requirements:
* Call 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.



Answer:



Explanation



Box 1: CMD [..]

Cmd starts a new instance of the command interpreter, Cmd.exe.

Syntax: CMD <string>

Specifies the command you want to carry out.

Box 2: FROM microsoft/aspnetcore-build:latest

Box 3: WORKDIR /apps/ContosoApp

Bxo 4: COPY ./ .

Box 5: RUN powershell ./setupScript.ps1

NEW QUESTION: 216

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.

Answer:

Explanation

Box 1: WebJobs

A WebJob is a simple way to set up a background job, which can process continuously or on a schedule.

WebJobs differ from a cloud service as it gives you get less fine-grained control over your processing environment, making it a more true PaaS service.

Box 2: Flow

NEW QUESTION: 217

A company is developing a Node.js web app. The web app code is hosted in a GitHub repository located at

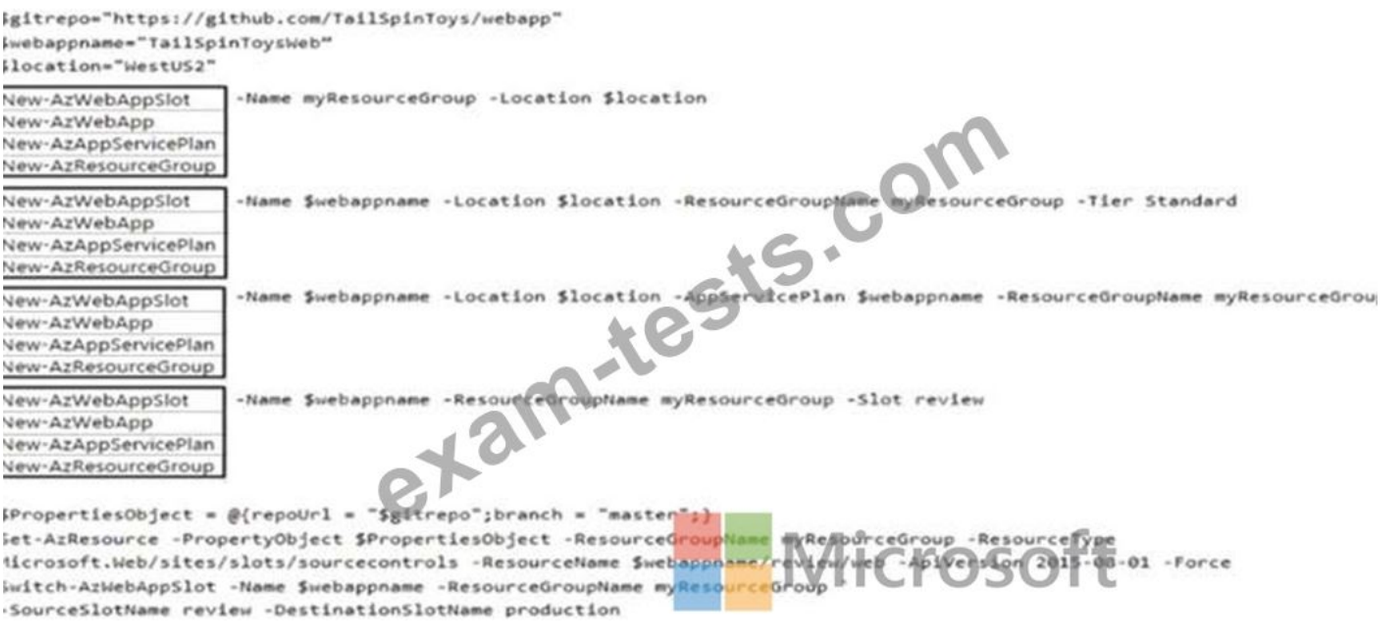
https://github.com/TailSpinToys/weapp.

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

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.



Answer:

Explanation

The New-AzResourceGroup cmdlet creates an Azure resource group.

The New-AzAppServicePlan cmdlet creates an Azure App Service plan in a given location The New-AzWebApp cmdlet creates an Azure Web App in a given a resource group The New-AzWebAppSlot cmdlet creates an Azure Web App slot.

References:

https://docs.microsoft.com/en-us/powershell/module/az.resources/new-azresourcegroup?view=azps-2.3.2

https://docs.microsoft.com/en-us/powershell/module/az.websites/new-azappserviceplan?view=azps-2.3.2

https://docs.microsoft.com/en-us/powershell/module/az.websites/new-azwebapp?view=azps-2.3.2

https://docs.microsoft.com/en-us/powershell/module/az.websites/new-azwebappslot?view=azps-2.3.2

NEW QUESTION: 218

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 policies. Each section 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

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: 219

You develop an ASP.NET Core MVC application. You configure the application to track webpages and custom events.

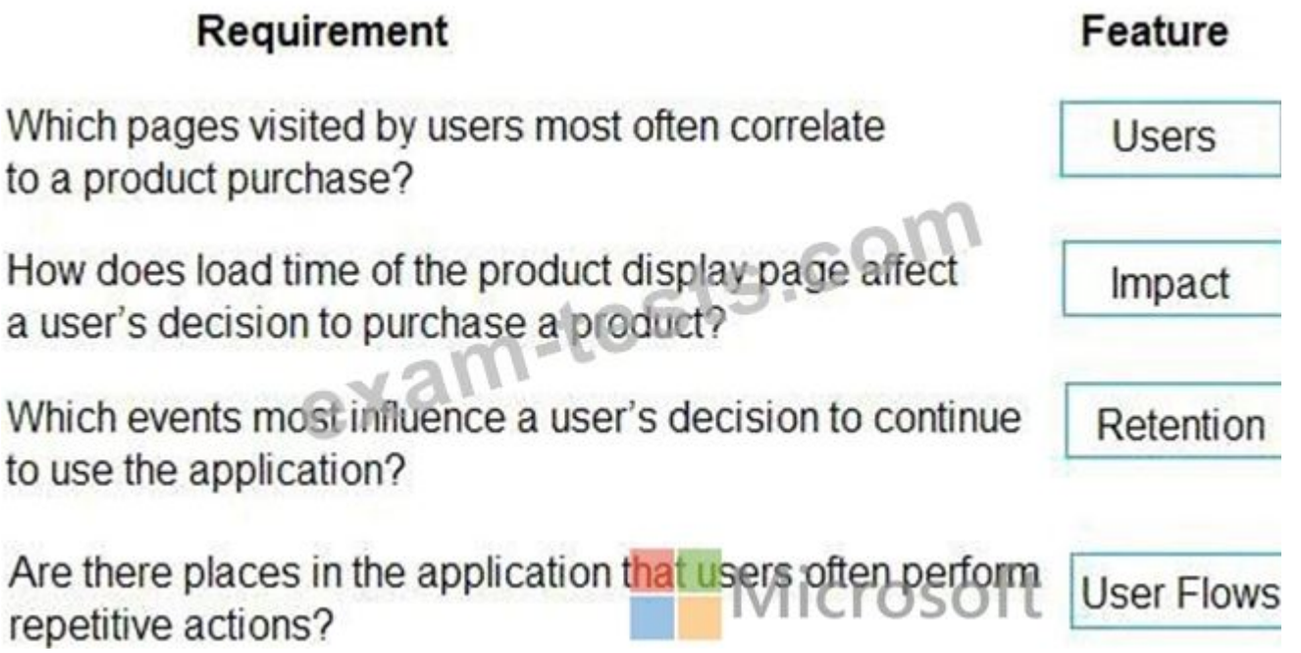
You need to identify trends in application usage.

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.

Answer:

Explanation



Box1: Users

Box 2: Impact

One way to think of Impact is as the ultimate tool for settling arguments with someone on your team about how slowness in some aspect of your site is affecting whether users stick around. While users may tolerate a certain amount of slowness, Impact gives you insight into how best to balance optimization and performance to maximize user conversion.

Box 3: Retention

The retention feature in Azure Application Insights helps you analyze how many users return to your app, and how often they perform particular tasks or achieve goals. For example, if you run a game site, you could compare the numbers of users who return to the site after losing a game with the number who return after winning. This knowledge can help you improve both your user experience and your business strategy.

Box 4: User flows

The User Flows tool visualizes how users navigate between the pages and features of your site. It's great for answering questions like:

How do users navigate away from a page on your site?

What do users click on a page on your site?

Where are the places that users churn most from your site?

Are there places where users repeat the same action over and over?

NEW QUESTION: 220

You are developing a solution to store documents in Azure Blob storage. Customers upload documents to multiple containers. Documents consist of PDF, CSV, Microsoft Office format, and plain text files.

The solution must process millions of documents across hundreds of containers. The solution must meet the following requirements:

* Document must the categorized by a customer identifier as they are uploaded to the storage

account.

* Allow filtering by the customer identifier.
* Allow searching of information contained within a document.
* Minimize costs.

You created and configure a standard general-purpose v2 storage account to support the solution.

You need to implement the solution.

NOTE: Each correct selection is worth one point.

Answer:

Explanation

Azure Blob Index tags:

https://docs.microsoft.com/en-us/azure/storage/blobs/storage-blob-index-how-to?tabs=azure-portal Azure Cognitive Search: Search inside documents

NEW QUESTION: 221

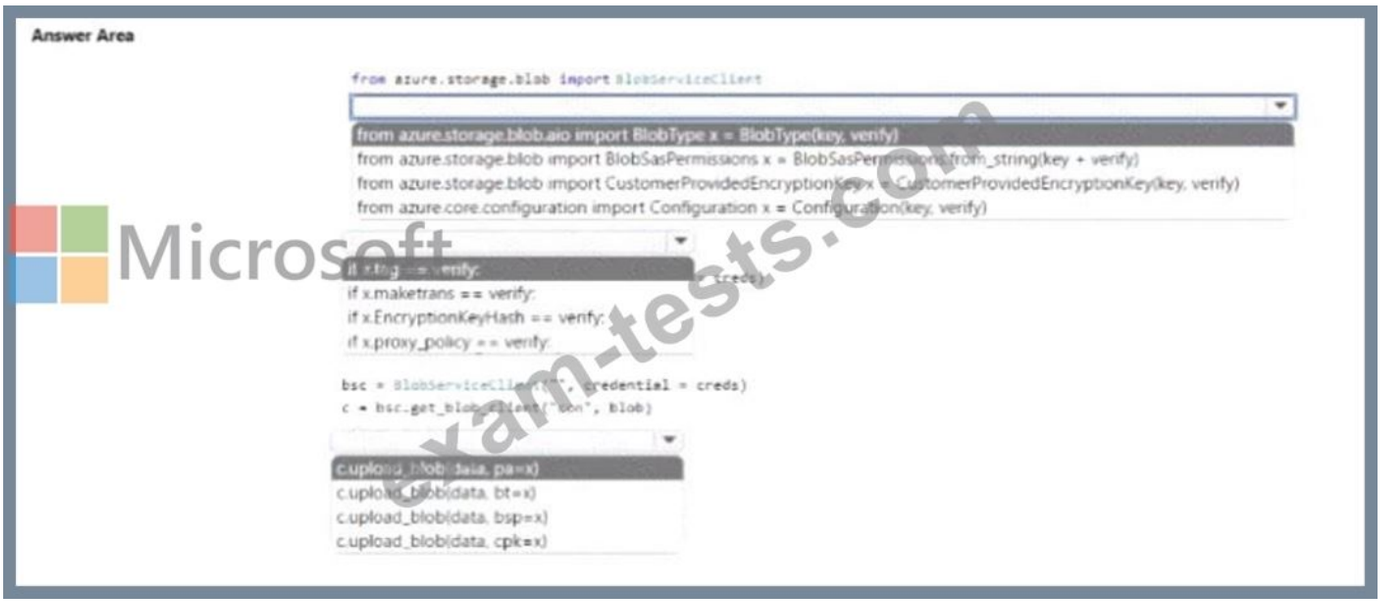
You are building an application that stores sensitive customer data in Azure Blob storage. The data must be encrypted with a key that is unique for each customer.

If the encryption key has been corrupted it must not be used for encryption.

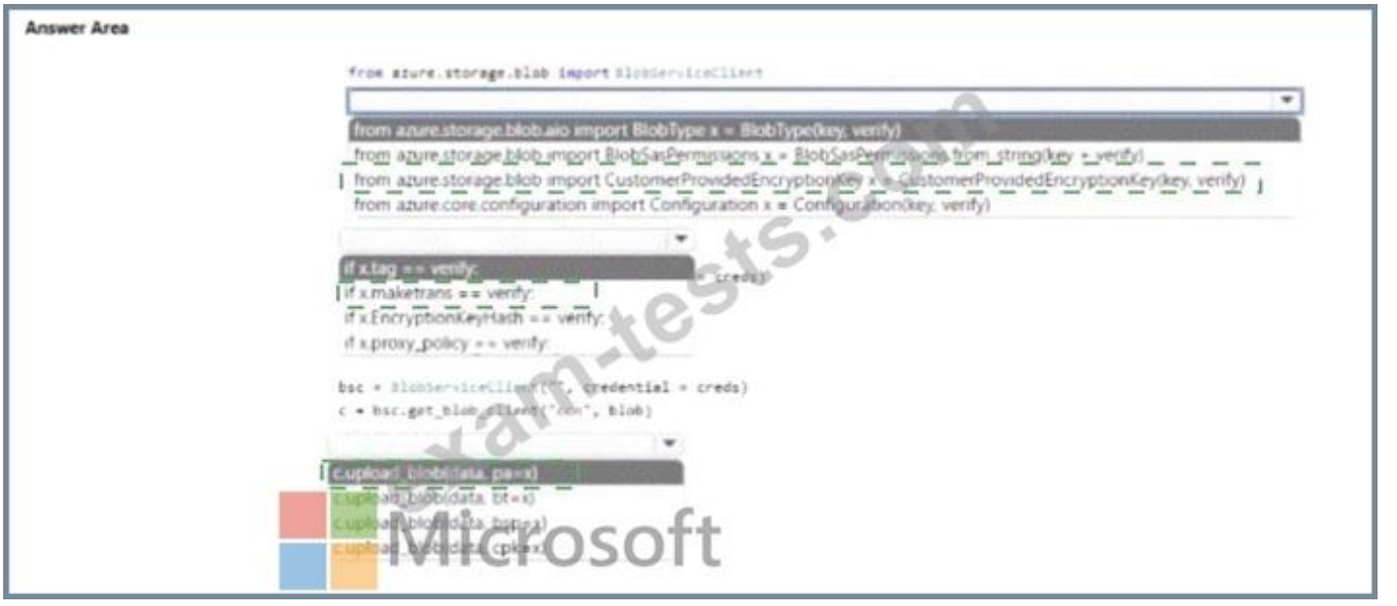
You need to ensure that the blob is encrypted.

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:



Explanation

Graphical user interface, application Description automatically generated

NEW QUESTION: 222

You need to resolve the Shipping web site error.
How should you configre the Azure Table Storage service? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer:

Reference:
https://developer.mozilla.org/en-US/docs/Web/HTTP/Headers/Access-Control-Allow-Origin

NEW QUESTION: 223

A company is implementing a publish-subscribe (Pub/Sub) messaging component by using Azure Service Bus. You are developing the first subscription application.

In the Azure portal you see that messages are being sent to the subscription for each topic. You create and initialize a subscription client object by supplying the correct details, but the subscription application is still not consuming the messages.

You need to ensure that the subscription client processes all messages.

Which code segment should you use?

A. await subscriptionClient.AddRuleAsync(new RuleDescription (RuleDescription.DefaultRuleName, new TrueFilter()));

B. subscriptionClient = new SubscriptionClient(ServiceBusConnectionString, Topic Name, SubscriptionName); D18912E1457D5D1DDCBD40AB3BF70D5D

C. await subscriptionClient.CloseAsync();

D. subscriptionClient.RegisterMessageHandler(ProcessMessagesAsync,

messageHandlerOptions);

Answer: D (LEAVE A REPLY)

Using topic client, call RegisterMessageHandler which is used to receive messages continuously from the entity. It registers a message handler and begins a new thread to receive messages. This handler is waited on every time a new message is received by the receiver.

subscriptionClient.RegisterMessageHandler(ReceiveMessagesAsync, messageHandlerOptions);

Reference:

https://www.c-sharpcorner.com/article/azure-service-bus-topic-and-subscription-pub-sub/

NEW QUESTION: 224

You need to monitor ContentUploadService accourding 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)

Explanation

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

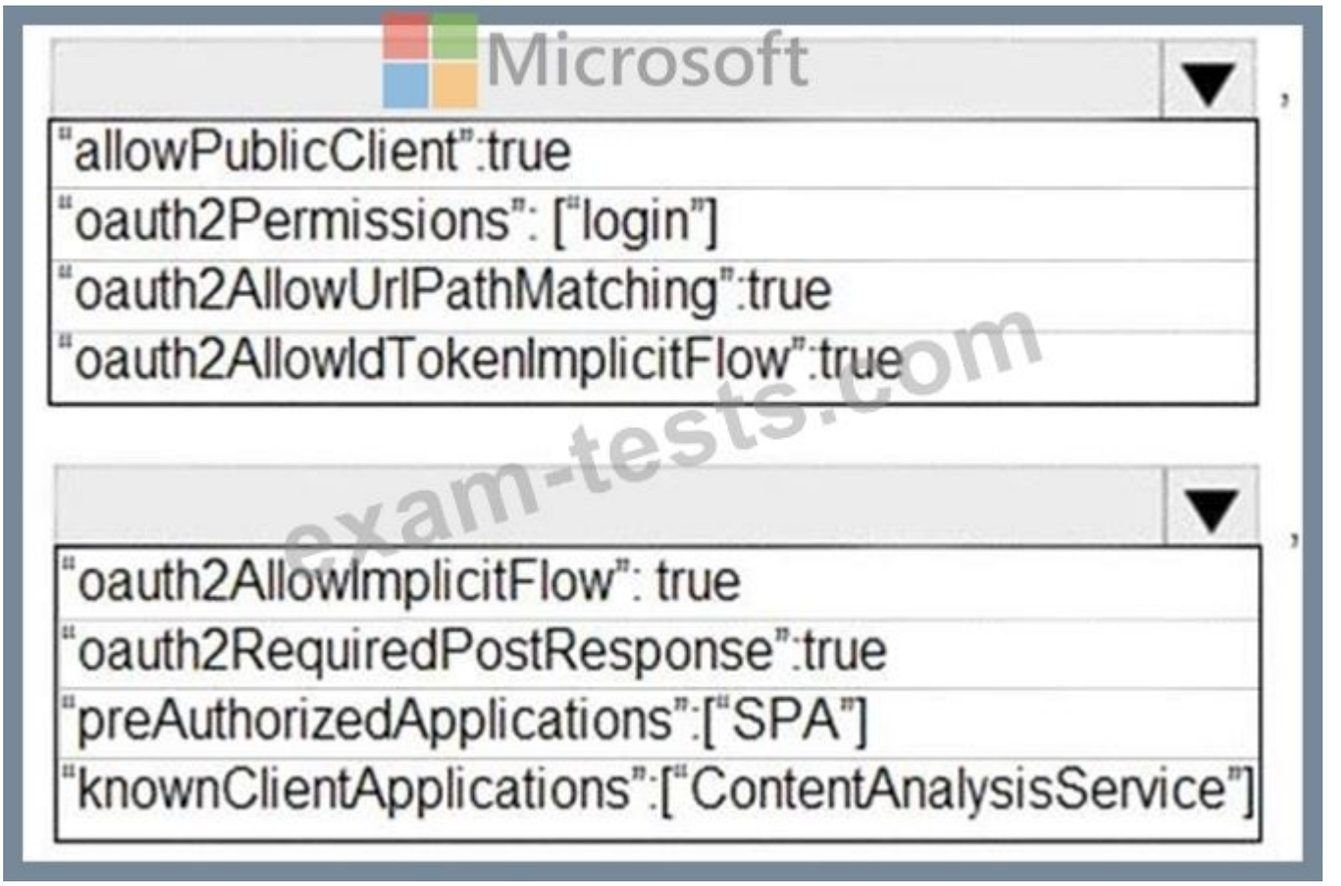
https://docs.microsoft.com/sv-se/cli/azure/monitor/metrics/alert

NEW QUESTION: 225

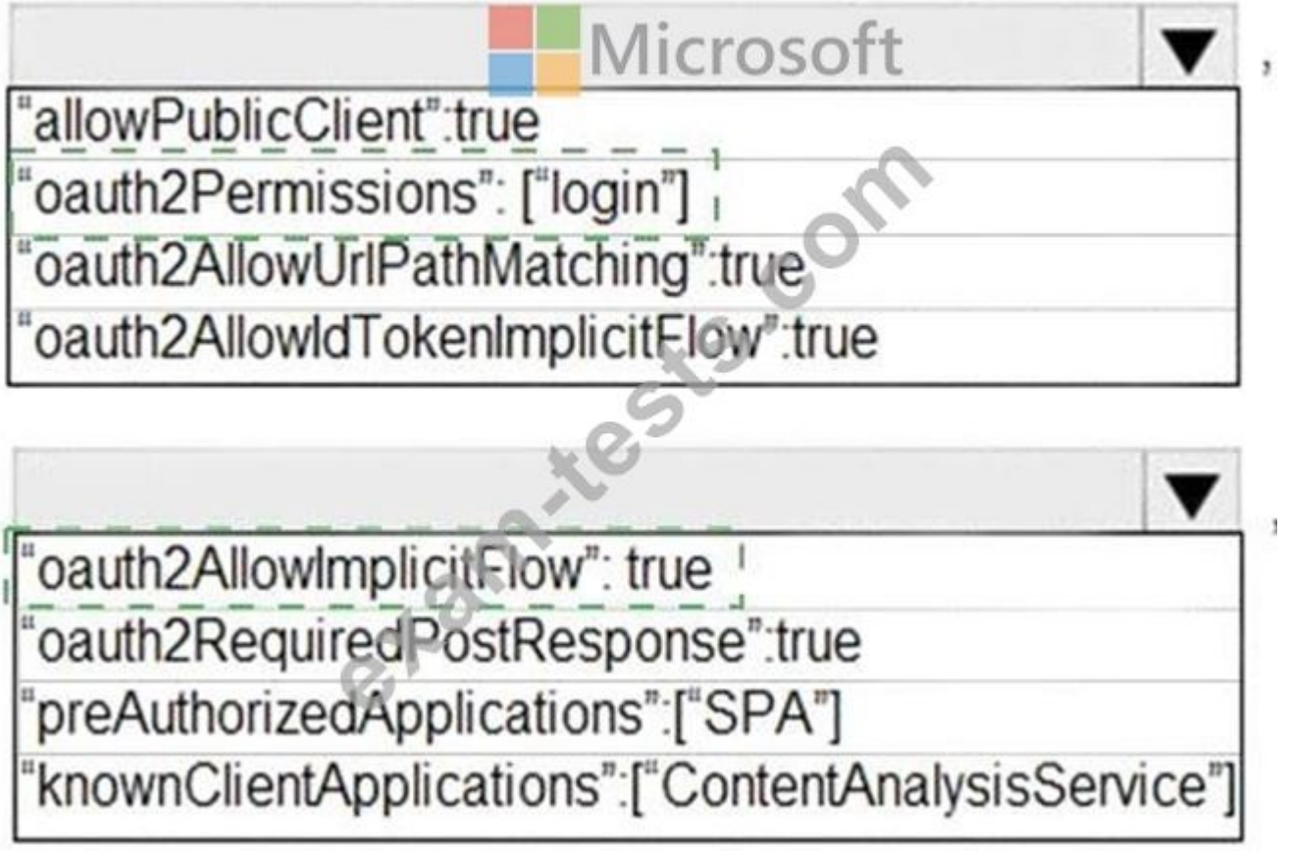
You need to add code at line AM09 to ensure that users can review content using ContentAnalysisService.

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

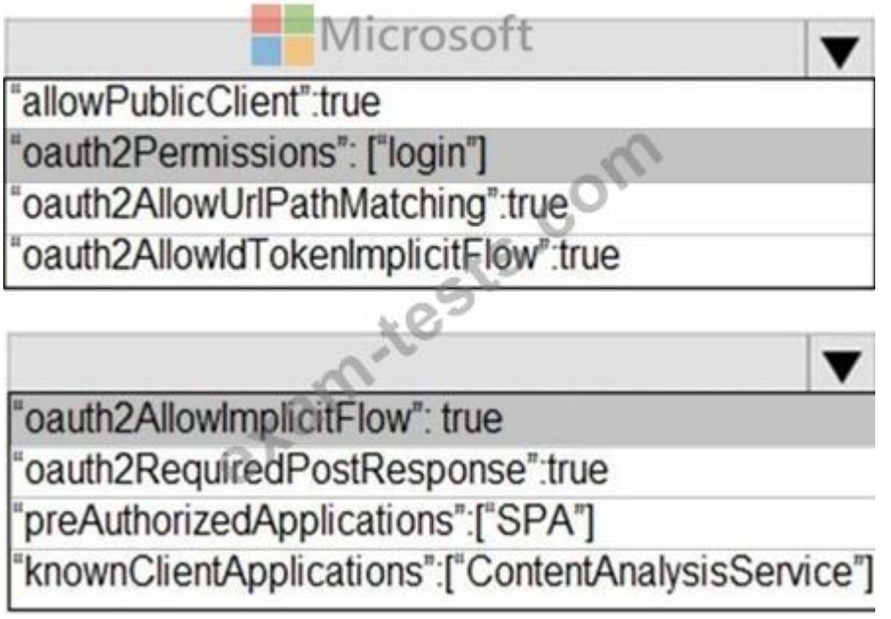
NOTE: Each correct selection is worth one point.



Answer:

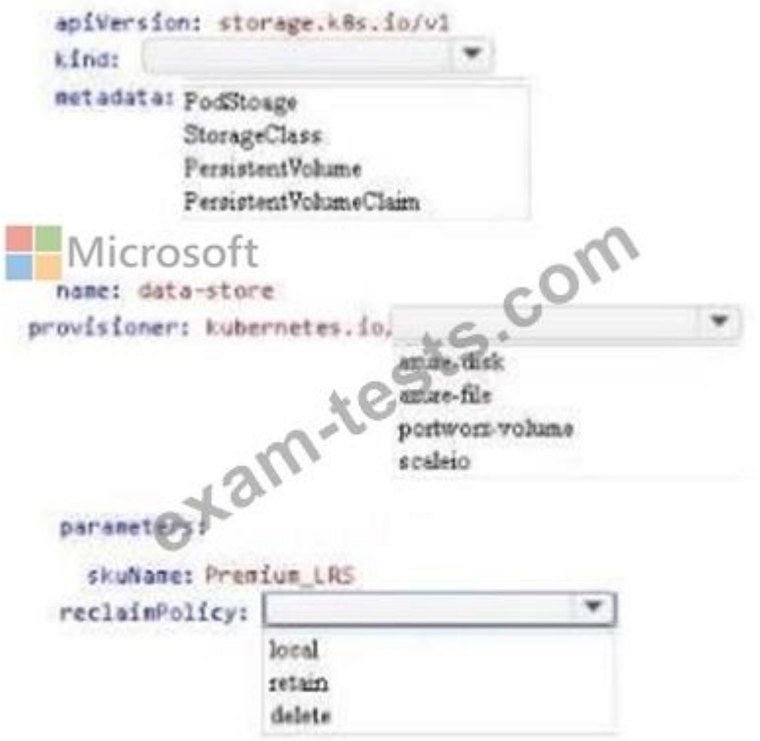


Explanation



Box 1: "oauth2Permissions": ["login"]
oauth2Permissions specifies the collection of OAuth 2.0 permission scopes that the web API (resource) app exposes to client apps. These permission scopes may be granted to client apps during consent.
Box 2: "oauth2AllowImplicitFlow":true
For applications (Angular, Ember.js, React.js, and so on), Microsoft identity platform supports the OAuth 2.0 Implicit Grant flow.
Reference:
https://docs.microsoft.com/en-us/azure/active-directory/develop/reference-app-manifest

NEW QUESTION: 226
You are developing an application that runs in several customer Azure Kubernetes Service clusters, Within each cluster, a pod runs that collects performance data to be analyzed later, a large amount of data is collected so saving latency must be minimized The performance data must be stored so that pod restarts do not impact the stored data. Write latency should be minimized.
You need to configure blob storage.
How should you complete the YAML configuration? To answer, select the appropriate options in the answer area.



Answer:

Graphical user interface, text, application, email Description automatically generated

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NEW QUESTION: 227

Fourth Coffee has an ASP.NET Core web app that runs in Docker. The app is mapped to the www.fourthcoffee.com domain.

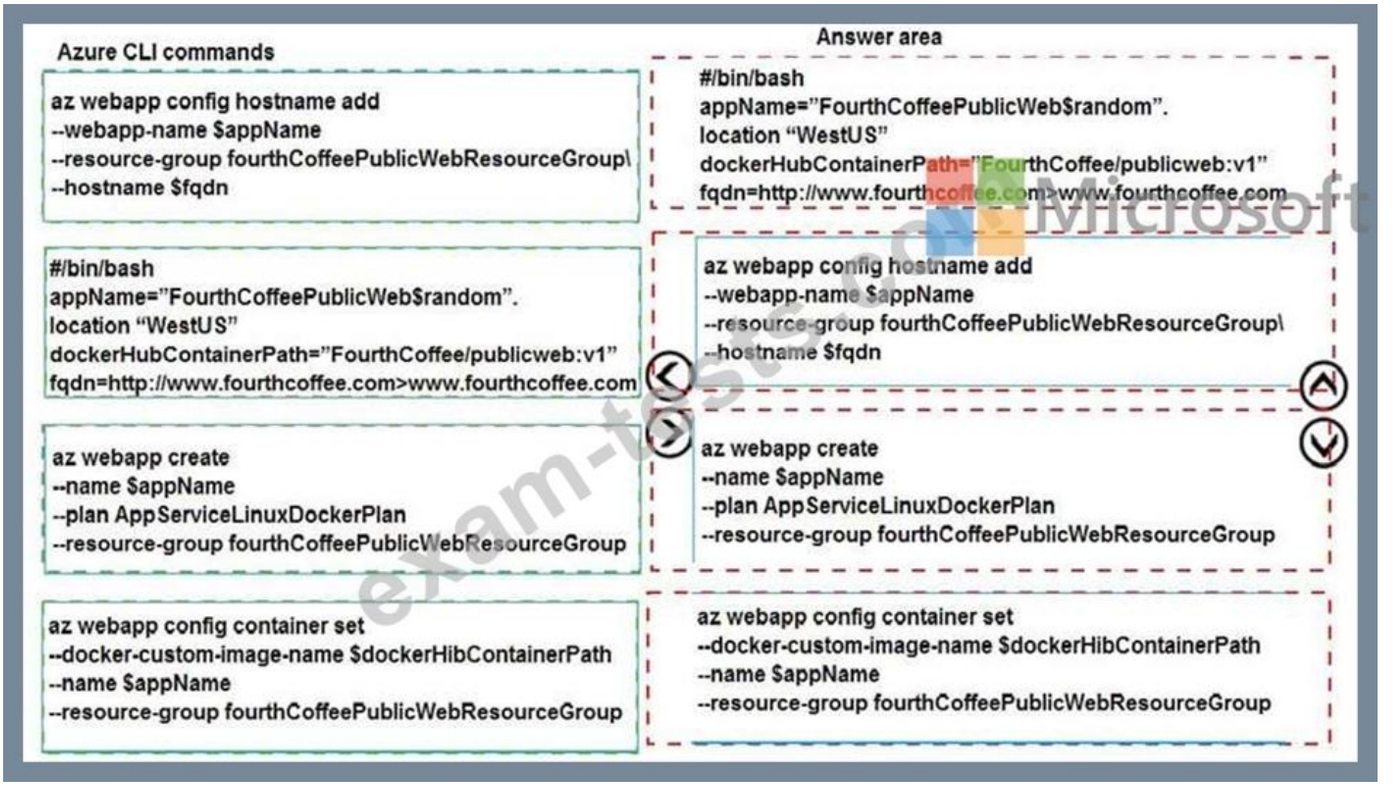
Fourth Coffee is migrating this application to Azure.

You need to provision an App Service Web App to host this docker image and map the custom domain to the App Service web app.

A resource group named FourthCoffeePublicWebResourceGroup has been created in the WestUS region that contains an App Service Plan named AppServiceLinuxDockerPlan.

Which order should the CLI commands be used to develop the solution? To answer, move all of the Azure CLI command from the list of commands to the answer area and arrange them in the correct order.

Answer:



Explanation

Step 1: #bin/bash

The appName is used when the webapp-name is created in step 2.

Step 2: az webapp config hostname add

The webapp-name is used when the webapp is created in step 3.

Step 3: az webapp create

Create a web app. In the Cloud Shell, create a web app in the myAppServicePlan App Service plan with the az webapp create command.

Step : az webapp confing container set

In Create a web app, you specified an image on Docker Hub in the az webapp create command. This is good enough for a public image. To use a private image, you need to configure your Docker account ID and password in your Azure web app.

In the Cloud Shell, follow the az webapp create command with az webapp config container set.

References:

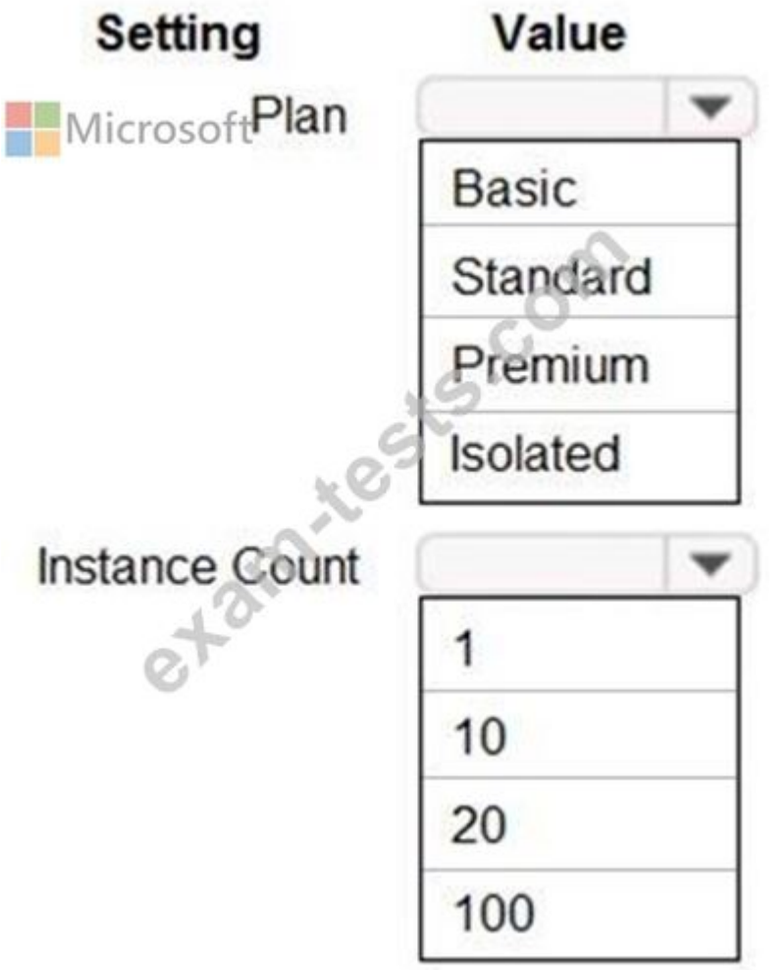
https://docs.microsoft.com/en-us/azure/app-service/containers/tutorial-custom-docker-image

NEW QUESTION: 228

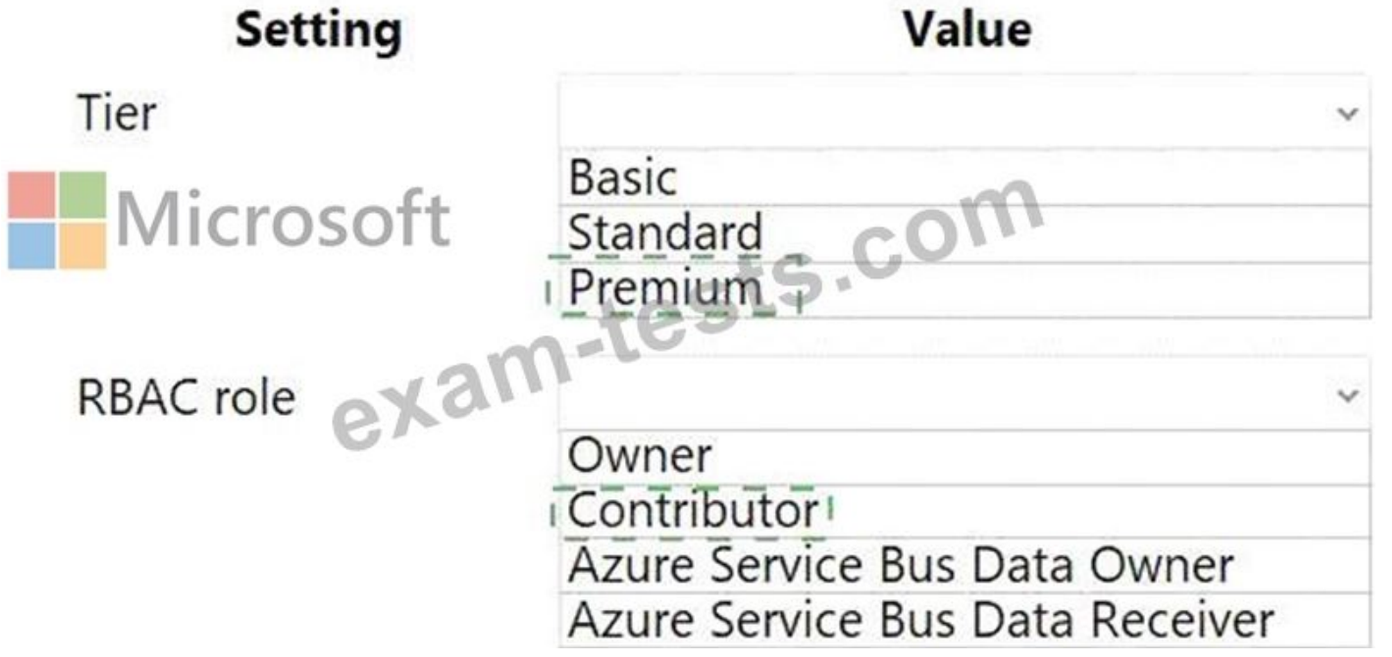
You need to configure Azure App Service to support the REST API requirements.

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

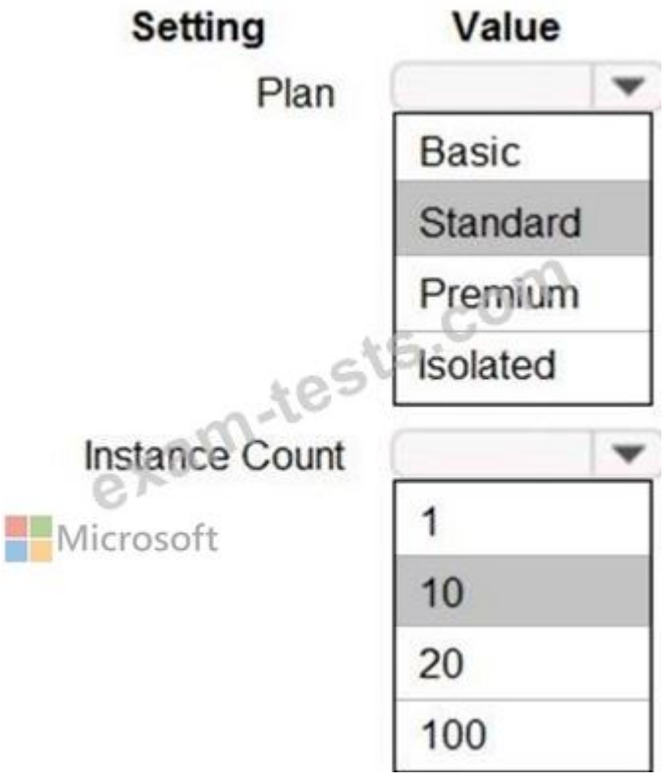
NOTE: Each correct selection is worth one point.



Answer:



Explanation



Plan: Standard
Standard support auto-scaling
Instance Count: 10
Max instances for standard is 10.
Scenario:
The REST API's that support the solution must meet the following requirements:
* 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.
References:
https://azure.microsoft.com/en-us/pricing/details/app-service/plans/

NEW QUESTION: 229
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.

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

copy
copyIndex
priority
dependsOn

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"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",
],
. . .

Answer:

Answer Area

```
{
. . .
"resources": [
  {                                                    pyIn
    "apiVersion": "2016-01-01",
    "type": "Microsoft.Storage/storageAccounts",
    "name": "[concat(                                  (), 'storage', uniqueString(resourceGroup().id))]",
                        copy
                        copyIndex
                        priority
                        dependsOn
    "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": {}
}
```

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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: 230
You are developing Azure WebJobs.
You need to recommend a WebJob type for each scenario.
Which WebJob type should you recommend? To answer, drag the appropriate WebJob types to the correct scenarios. Each WebJob type 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.

Answer:

Explanation

Box 1: Continuous

Continuous runs on all instances that the web app runs on. You can optionally restrict the WebJob to a single instance.

Box 2: Triggered

Triggered runs on a single instance that Azure selects for load balancing.

Box 3: Continuous

Continuous supports remote debugging.

Note:

The following table describes the differences between continuous and triggered WebJobs.

Continuous	Triggered
Starts immediately when the WebJob is created. To keep the job from ending, the program or script typically does its work inside an endless loop. If the job does end, you can restart it.	Starts only when triggered manually or on a schedule.
Runs on all instances that the web app runs on. You can optionally restrict the WebJob to a single instance.	Runs on a single instance that Azure selects for load balancing.
Supports remote debugging.	Doesn't support remote debugging.

References:
https://docs.microsoft.com/en-us/azure/app-service/web-sites-create-web-jobs

NEW QUESTION: 231
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.

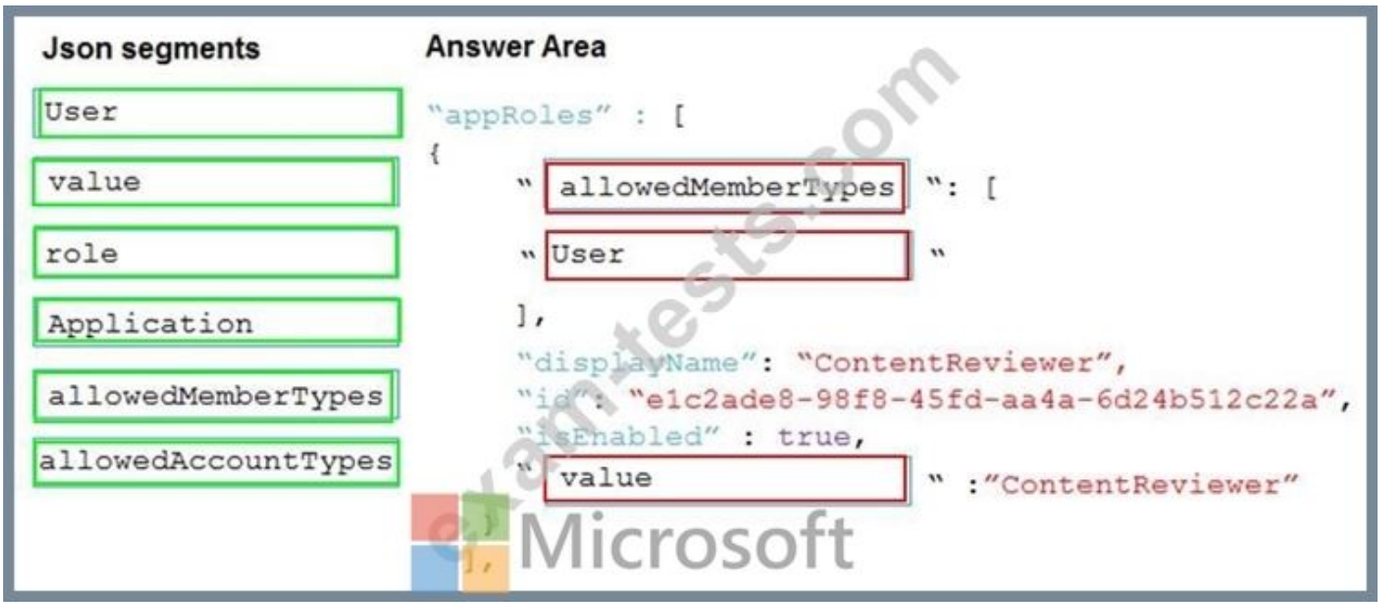
Json segments

- User
- value
- role
- Application
- allowedMemberTypes
- allowedAccountTypes

Answer Area

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

Answer:



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

NEW QUESTION: 232
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.

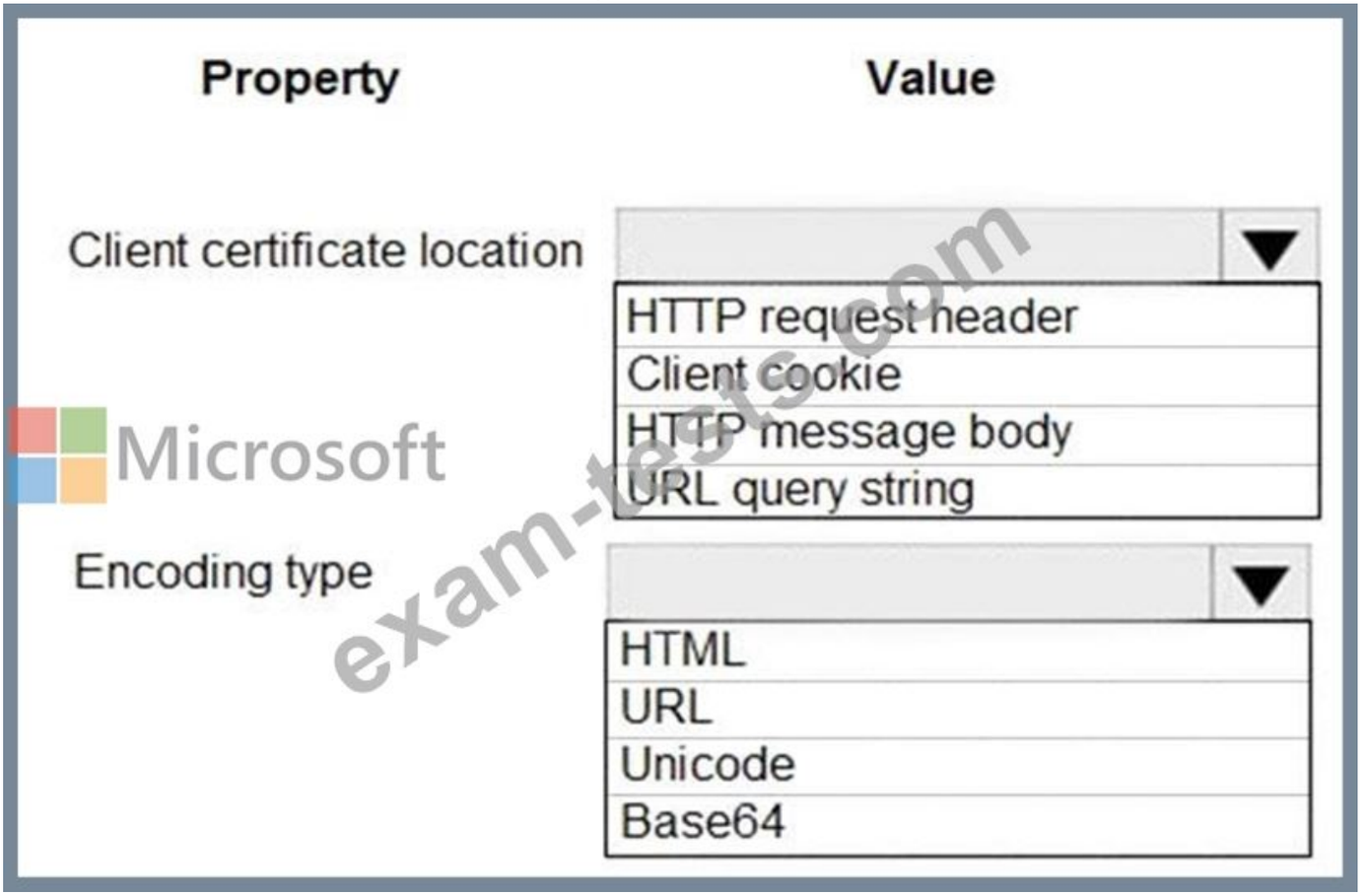
Statements	Yes	No
A log alert is created that sends an email when the CPU percentage is above 60 percent for five minutes.	○	○
A log alert is created that sends an email when the number of virtual machine heartbeats in the past hour is less than five.	○	○
The log alert is scheduled to run every two hours.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

Answer:

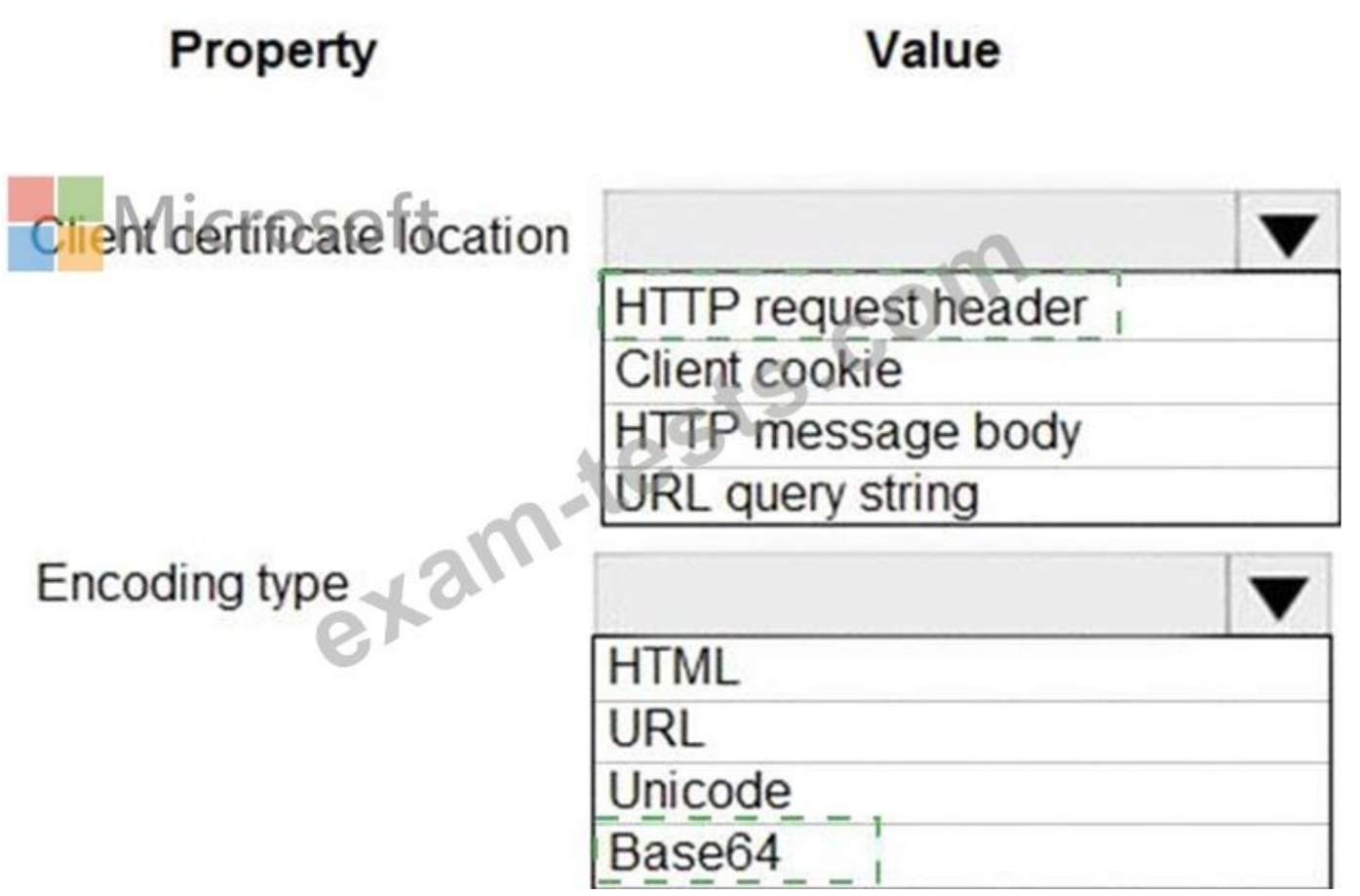
Statements	Yes	No
A log alert is created that sends an email when the CPU percentage is above 60 percent for five minutes.	○	●
A log alert is created that sends an email when the number of virtual machine heartbeats in the past hour is less than five.	●	○
The log alert is scheduled to run every two hours.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

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: 233
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.



Answer:



Explanation

Accessing the client certificate from App Service.

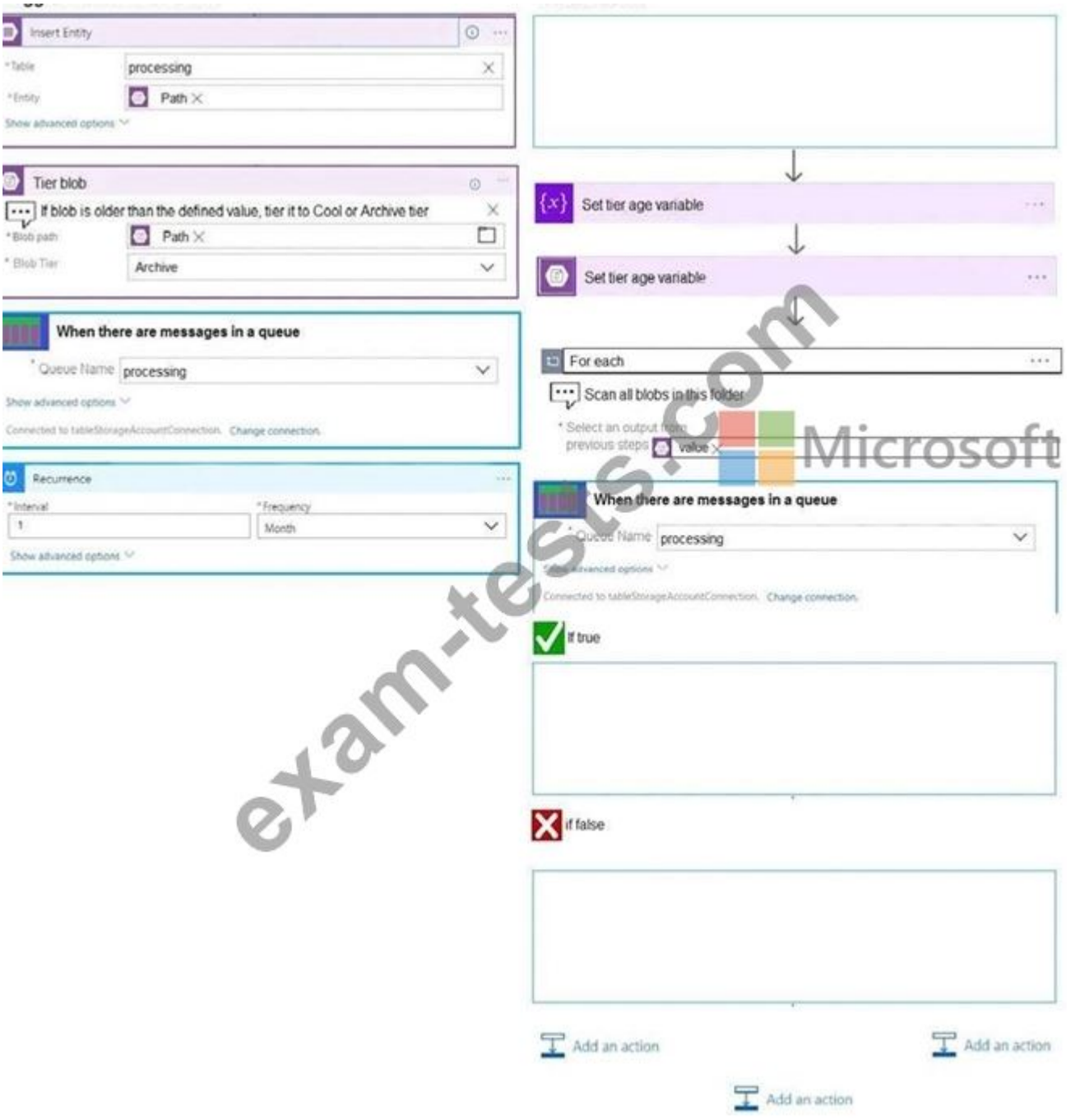
If you are using ASP.NET and configure your app to use client certificate authentication, the certificate will be available through the HttpRequest.ClientCertificate property. For other application stacks, the client cert will be available in your app through a base64 encoded value in the "X-ARR-ClientCert" request header. Your application can create a certificate from this value and then use it for authentication and authorization purposes in your application.

References:

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

NEW QUESTION: 234
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: 235
A company backs up all manufacturing data to Azure Blob Storage. Admins move blobs from hot storage to archive tier storage every month.
You must automatically move blocks to Archive tier after they have not been accessed for 180 days. The path for any item that is not archived must be placed in an existing queue. This operation must be performed automatically once a month. You set the value of TierAgeInDays to 180.
How should you configure the Logic App? To answer, drag the appropriate triggers or action blocks to the correct trigger or action slots. Each trigger or action block 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.



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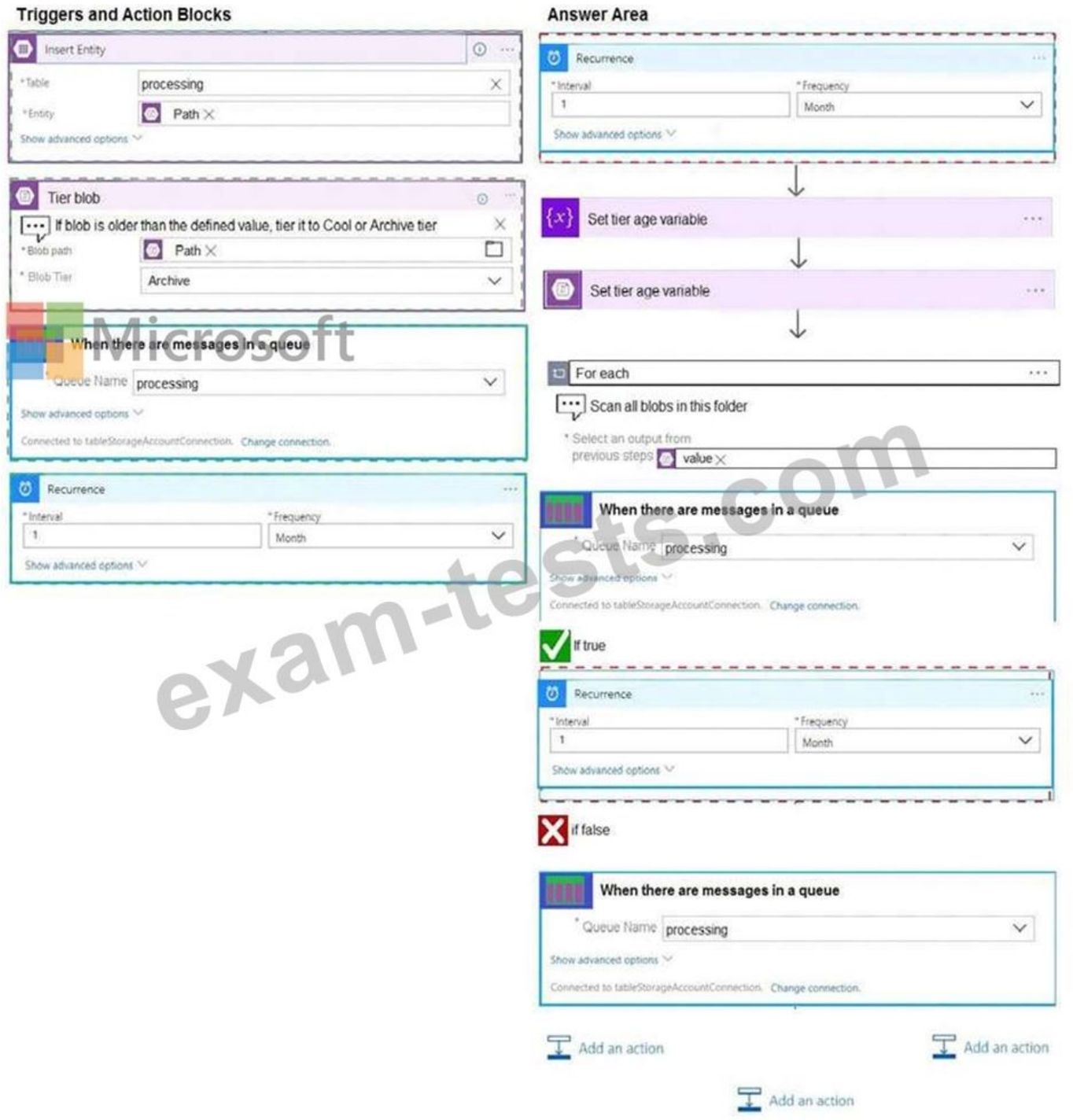
Answer:



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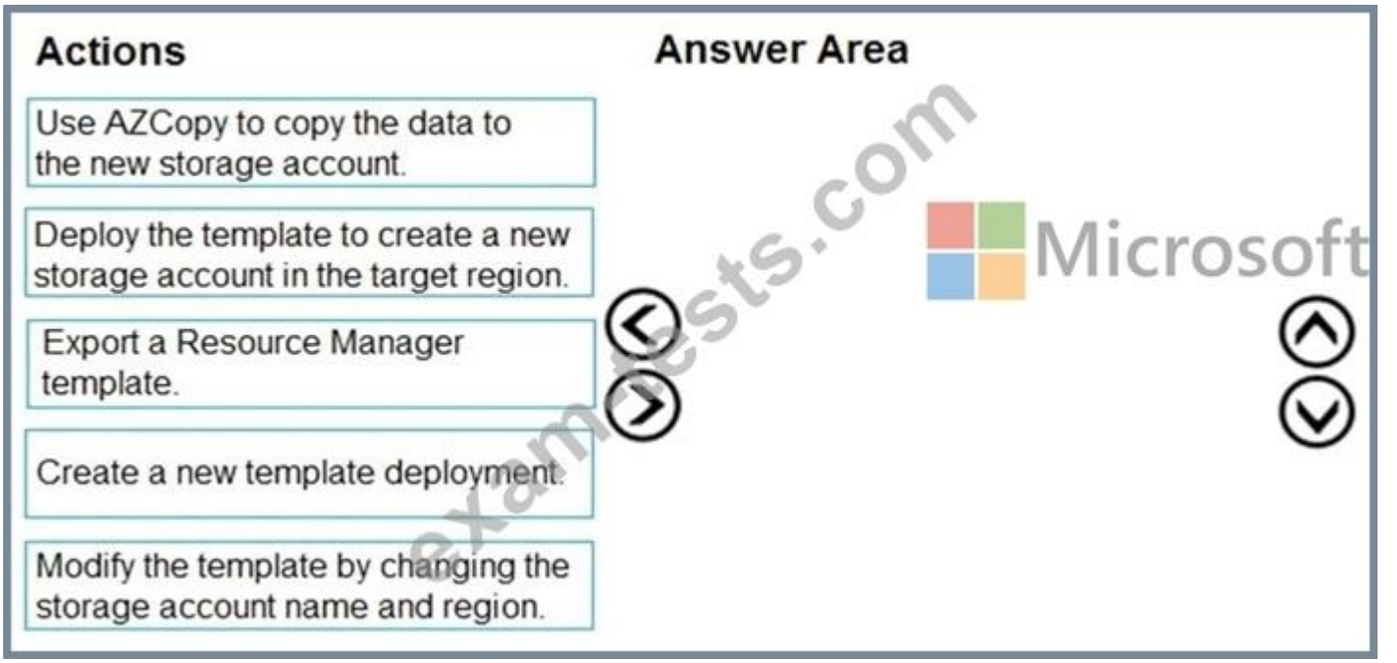
Explanation

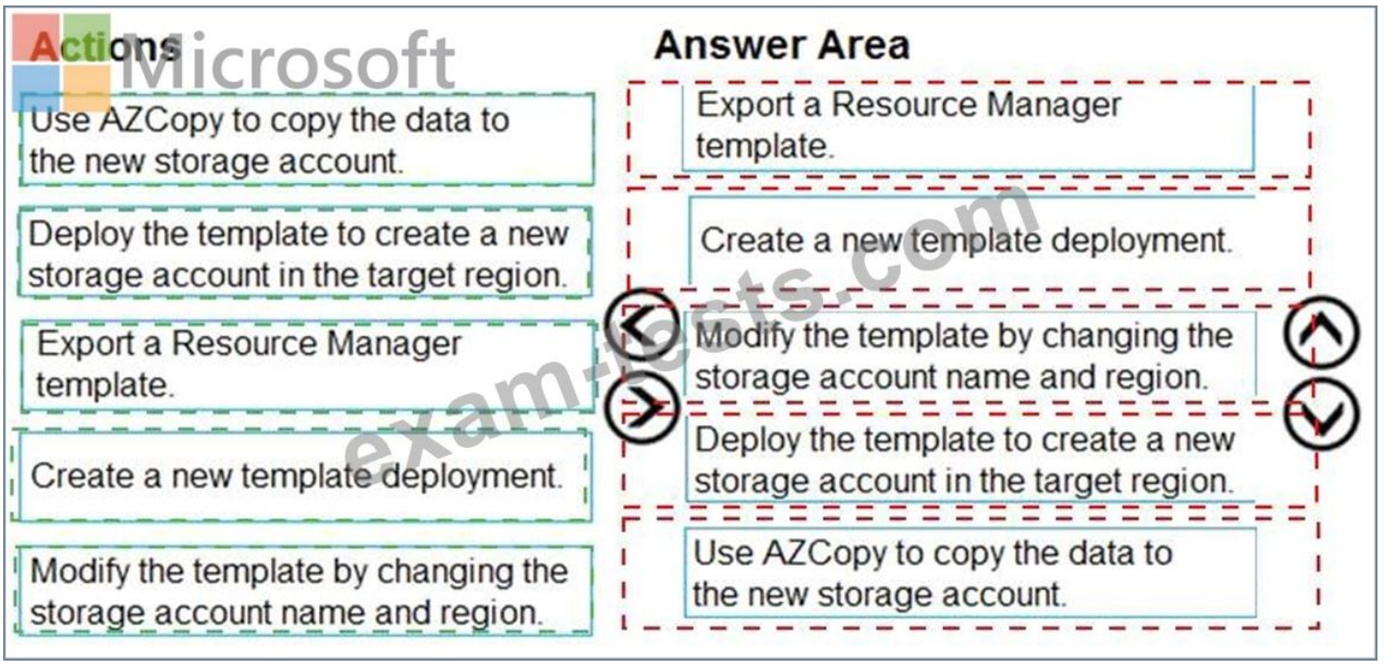
Box 1: Recurrence

Box 2: Insert Entity
Box 3 (if true): Tier Blob
Box 4: (if false):
Leave blank.
References:
https://docs.microsoft.com/en-us/azure/logic-apps/logic-apps-perform-data-operations

NEW QUESTION: 236
You are developing an application to use Azure Blob storage. You have configured Azure Blob storage to include change feeds.
A copy of your storage account must be created in another region. Data must be copied from the current storage account to the new storage account directly between the storage servers.
You need to create a copy of the storage account in another region and copy the data.
In which order should you perform the actions? To answer, move all actions from the list of actions to the answer area and arrange them in the correct order.



Answer:



Explanation

https://docs.microsoft.com/en-us/azure/storage/common/storage-account-move?tabs=azure-portal#modify-the-te

NEW QUESTION: 237

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: Update the app with a method named statuscheck to run the scripts. Update the app settings for the app. Set the WEBSITE_SWAP_WARMUP_PING_PATH and WEBSITE_SWAP_WARMUP_PING_STATUSES with a path to the new method and appropriate response codes.
Does the solution meet the goal?
A. Yes
B. No
Answer: B (LEAVE A REPLY)
Explanation
These are valid warm-up behavior options, but are not helpful in fixing swap problems.
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: 238
You are developing an application that uses Azure Storage Queues.
You have the following code:

```
CloudStorageAccount storageAccount = CloudStorageAccount.Parse
(CloudConfigurationManager.GetSetting("StorageConnectionString"));
CloudQueueClient queueClient = storageAccount.CreateCloudQueueClient()

CloudQueue queue = queueClient.GetQueueReference("appqueue") ;
await queu.CreateIfNotExistsAsync() ;

CloudQueueMessage peekedMessage = await queue.PeekMessageAsync() ;
if (peekedMessage != null)
{
     Console.WriteLine("The peeked message is: {0}", peekedMessage.AsString);
}
CloudQueueMessage message = await queue.GetMessageAsync() ;
```

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

NOTE: Each correct selection is worth one point.

Statement	Yes	No
The code configures the lock duration for the queue.	○	○
The last message read remains in the queue after the code runs.	○	○
The storage queue remains in the storage account after the code runs.	○	○

Answer:

Statement	Yes	No
The code configures the lock duration for the queue.	○	○
The last message read remains in the queue after the code runs.	○	○
The storage queue remains in the storage account after the code runs.	○	○

Reference:

https://docs.microsoft.com/en-us/azure/storage/queues/storage-dotnet-how-to-use-queues

https://docs.microsoft.com/en-us/dotnet/api/microsoft.servicebus.messaging.queuedescription.lockduration

NEW QUESTION: 239

Hotspot Question

A construction company creates three-dimensional models from photographs and design diagrams of buildings. The company plans to store high-resolution photographs and blueprint files in Azure Blob Storage. The files are currently stored in the construction company's office.

You are developing a tool to connect to Azure Storage, create container, and then upload the

files. The tool must remain responsive to the end user while it is running and performing remote I/O operations. It must also wait for methods to complete before continuing.

You need to complete the configuration.

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

NOTE: Each correct solution is worth one point.

Answer Area

```
public static void Main()
{
  Console.WriteLine("Starting");
  [ ProcessAsync().GetAwaiter().GetResult(); | ProcessAsync(); | awaitProcessAsync(); ]
Console.WriteLine ("Finished.");
}
private static async Task PrcoessAsync()
{
  CloudStorageAccount storageAccount = null;
  CloudBlobContainer cloudBlobContainer = null;
  string storageConnectionString = Environment.GetEnvironmentVariable("storageconnectionstring");
  if (CloudStorageAccount.TryParse(storageConnectionString, out storageAccount))
  {
    try
    {
    CloudBlobClient cloudBlobClient = storageAccount.CreateCloudBlobClient();
    .cloudBlobContainer = cloudBlobClient.GetContainerReference("blobs" + Guid.NewGuid().ToString());
      [ await cloudBlobContainer.CreateAsync(); | cloudBlobContainer.Create(); ]
      }
    }
  }
```

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Answer:

Explanation:

Box 1: ProcessAsync();

Box 2: await cloudBlobContainer.CreatAsync();

If you specify that a method is an async method by using the async modifier, you enable the following two capabilities.

The marked async method can use await to designate suspension points. The await operator tells the compiler that the async method can't continue past that point until the awaited asynchronous process is complete. In the meantime, control returns to the caller of the async method.

The suspension of an async method at an await expression doesn't constitute an exit from the method, and finally blocks don't run.

The marked async method can itself be awaited by methods that call it.

References:

https://docs.microsoft.com/en-us/dotnet/csharp/programming-guide/concepts/async/

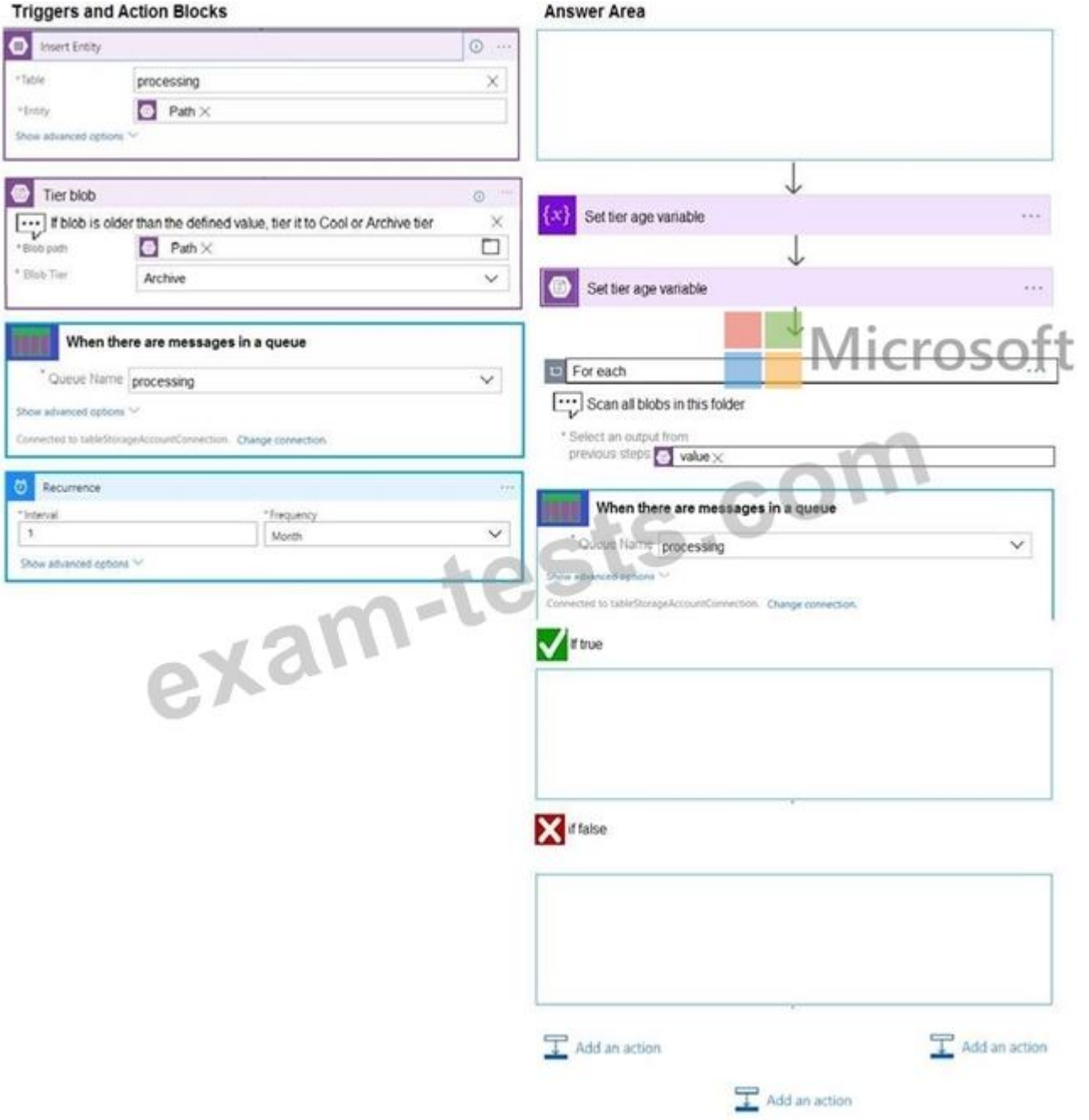
NEW QUESTION: 240

A company backs up all manufacturing data to Azure Blob Storage. Admins move blobs from hot storage to archive tier storage every month.

You must automatically move blocks to Archive tier after they have not been accessed for 180 days. The path for any item that is not archived must be placed in an existing queue. This operation must be performed automatically once a month. You set the value of TierAgeInDays to 180.

How should you configure the Logic App? To answer, drag the appropriate triggers or action blocks to the correct trigger or action slots. Each trigger or action block 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.



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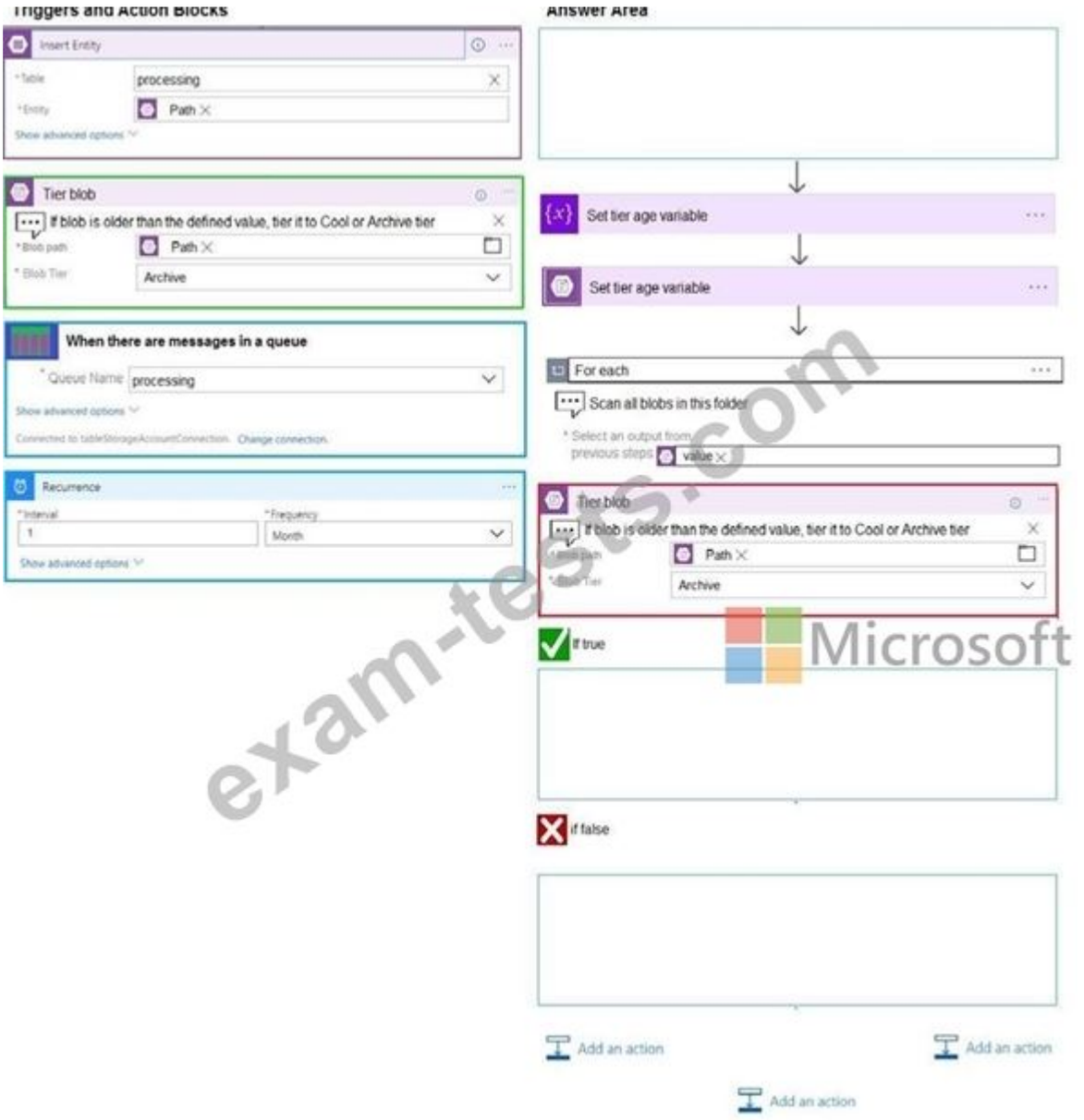
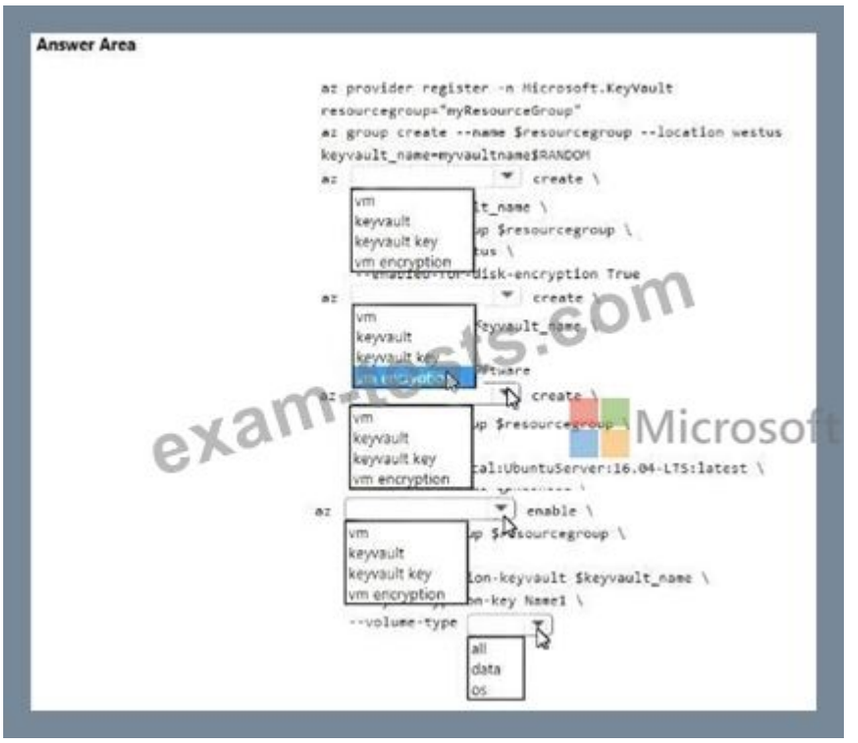
Answer:

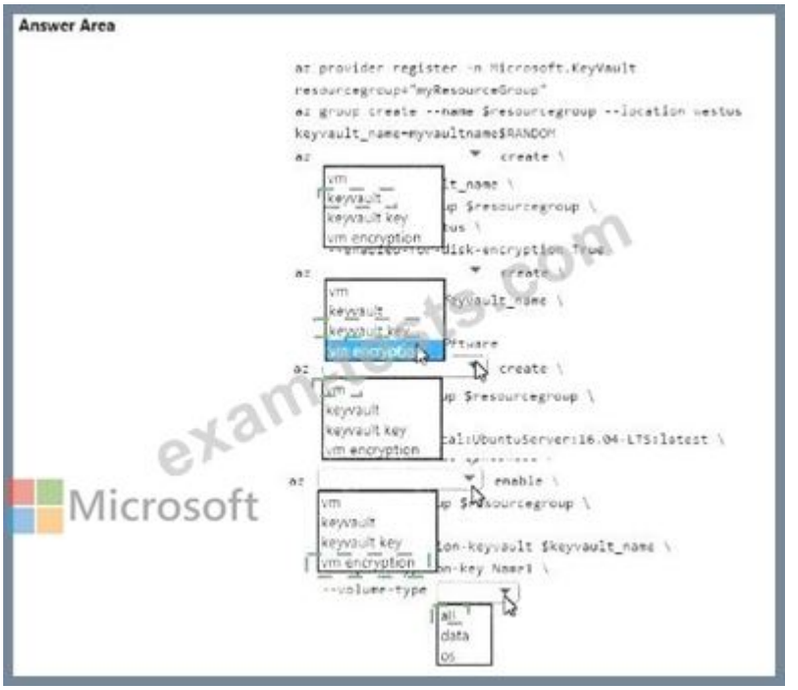


References:
https://docs.microsoft.com/en-us/azure/logic-apps/logic-apps-perform-data-operations

NEW QUESTION: 241
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.



Answer:



Explanation

```
az provider register -n Microsoft.KeyVault
resourcegroup= "myResourceGroup"
az group create - -name $resourcegroup - -location westus
keyvault name=myvaultname$RANDOM
az [ ▼ ] create\
```

- vm
- keyvault
- keyvault key
- vm encryption

```
- -name $keyvault_name \
- -resource -group $resourcegroup\
- -locstion eastus \
- -enabled for-disk-encryption True
az [ ▼ ] create\
```

- vm
- keyvault
- keyvault key
- vm encryption

```
- -vault-name $keyvault_name\
- -name Name1 \
- -protection software
```

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Box 1: keyvault

Create an Azure Key Vault with az keyvault create and enable the Key Vault for use with disk encryption.

Specify a unique Key Vault name for keyvault_name as follows:

keyvault_name=myvaultname$RANDOM

az keyvault create \

--name $keyvault_name \

--resource-group $resourcegroup \

--location eastus \

--enabled-for-disk-encryption True

Box 2: keyvault key

The Azure platform needs to be granted access to request the cryptographic keys when the VM boots to decrypt the virtual disks. Create a cryptographic key in your Key Vault with az keyvault key create. The following example creates a key named myKey:

az keyvault key create \

--vault-name $keyvault_name \

--name myKey \

--protection software

Box 3: vm

Create a VM with az vm create. Only certain marketplace images support disk encryption. The following example creates a VM named myVM using an Ubuntu 16.04 LTS image:

az vm create \
--resource-group $resourcegroup \
--name myVM \
--image Canonical:UbuntuServer:16.04-LTS:latest \
--admin-username azureuser \
--generate-ssh-keys \
Box 4: vm encryption
Encrypt your VM with az vm encryption enable:
az vm encryption enable \
--resource-group $resourcegroup \
--name myVM \
--disk-encryption-keyvault $keyvault_name \
--key-encryption-key myKey \
--volume-type all
Note: seems to an error in the question. Should have enable instead of create.
Box 5: all
Encrypt both data and operating system.
References:
https://docs.microsoft.com/bs-latn-ba/azure/virtual-machines/linux/encrypt-disks

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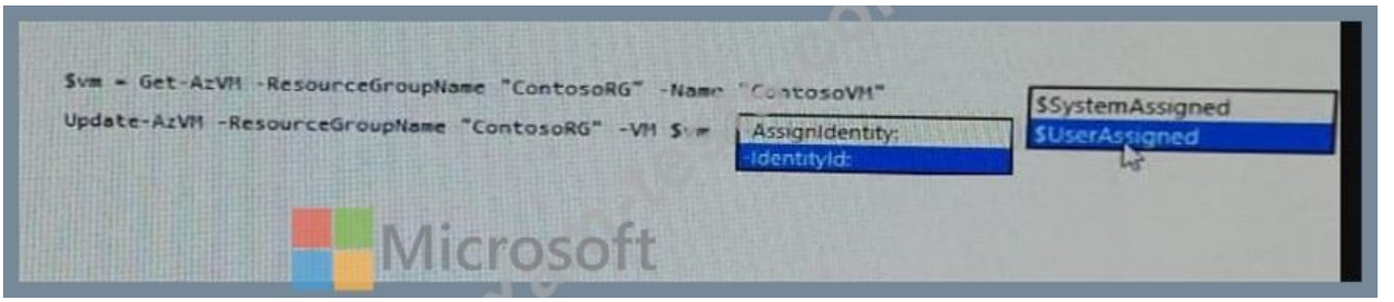
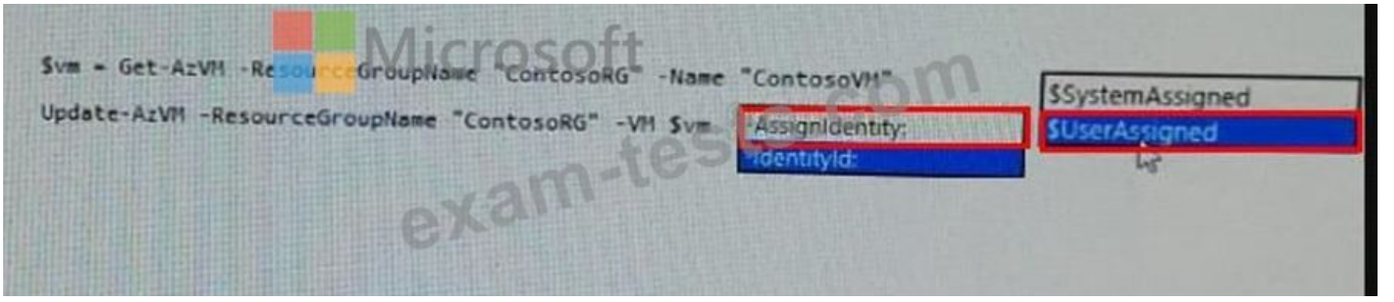
NEW QUESTION: 242
You are developing an application that needs access to an Azure virtual machine (VM). The access lifecycle for the application must be associated with the VM service instance. You need to enable managed identity for the VM.
How should you complete the PowerShell segment? To answer, select the appropriate options in the answer area.
NOTE Each correct selection is worth one point.



Answer:



NEW QUESTION: 243

You are authoring a set of nested Azure Resource Manager templates to deploy Azure resources. You author an Azure Resource Manager template named mainTemplate.json that contains the following linked templates:

linkedTemplatel.json, linkedTemplate2json.

You add parameters to a parameters template file named mainTemplate.parameters.json. You save all templates on a local device in the C:\templates\ folder.

You have the following requirements:

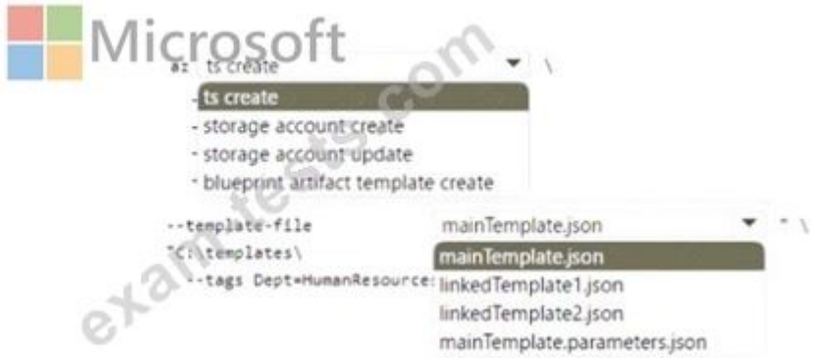
* Store the templates in Azure for later deployment.
* Enable versioning of the templates.
* Manage access to the templates by using Azure RBAC

You need to store the templates in Azure.

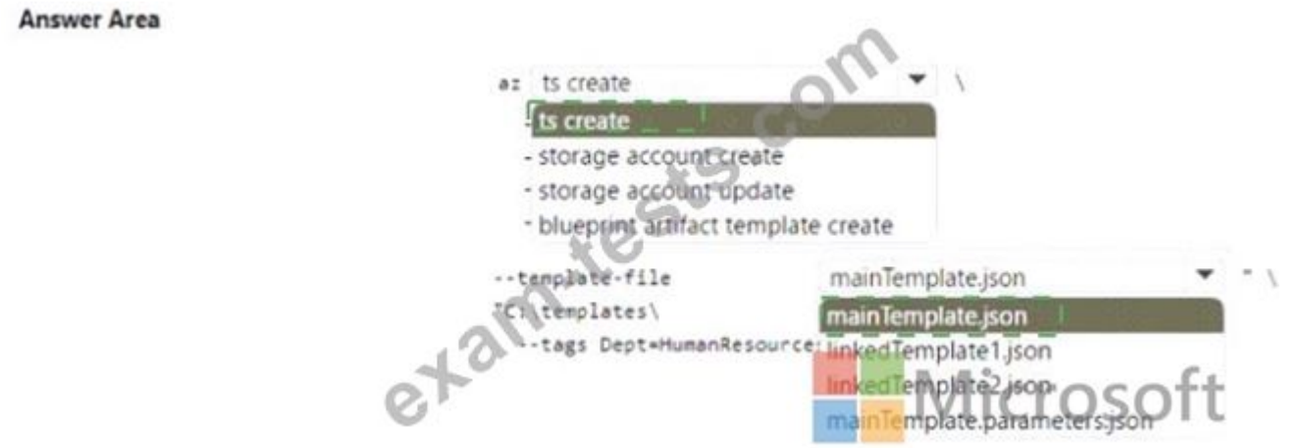
How should you complete the command? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

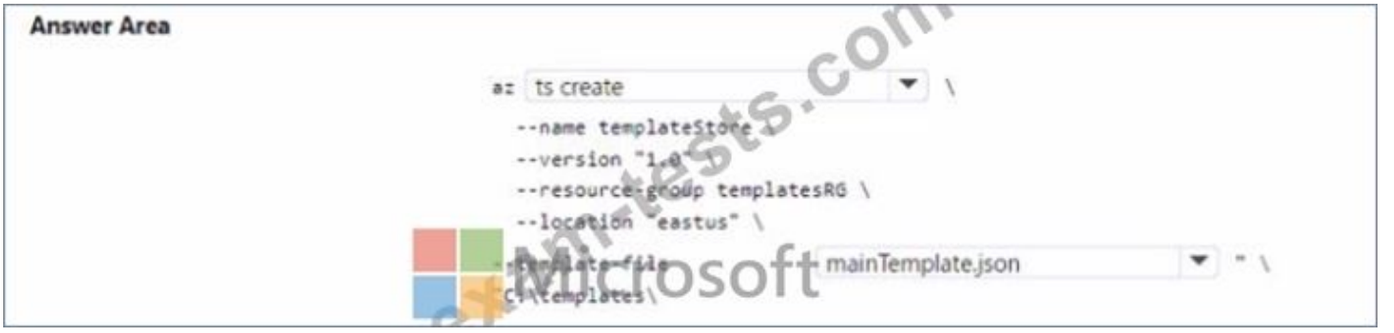
Answer Area



Answer:



Explanation



NEW QUESTION: 244

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.

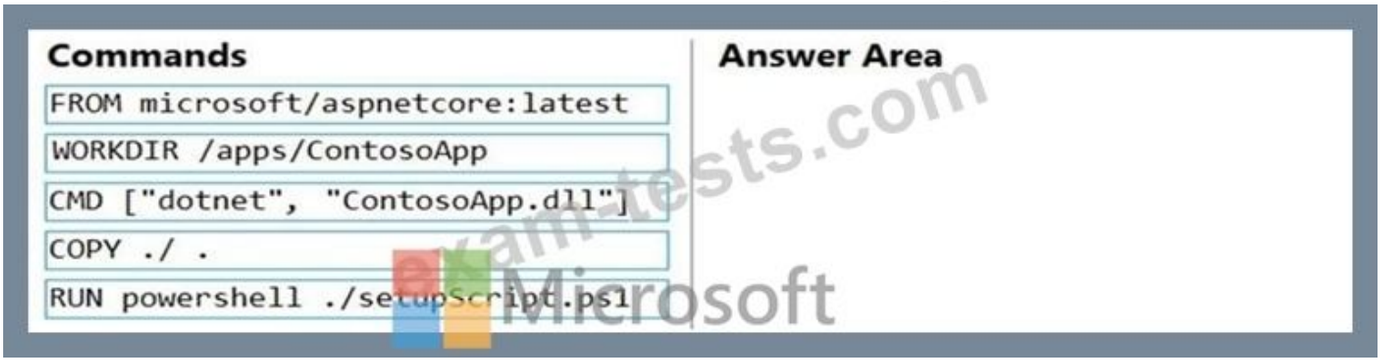
You need to create a Dockerfile document that meets the following requirements:

Call setupScripts.ps1 when the container is built.

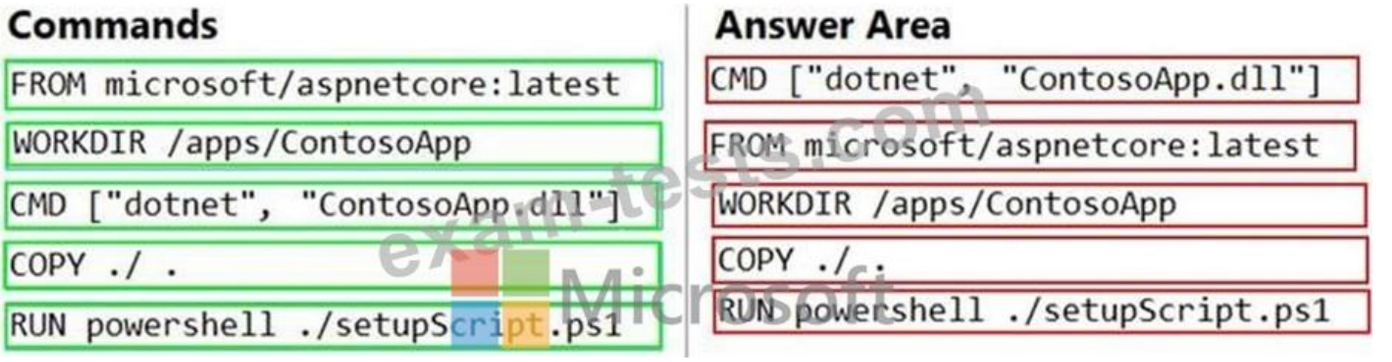
Run ContosoApp.dll when the container starts.

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.



Answer:

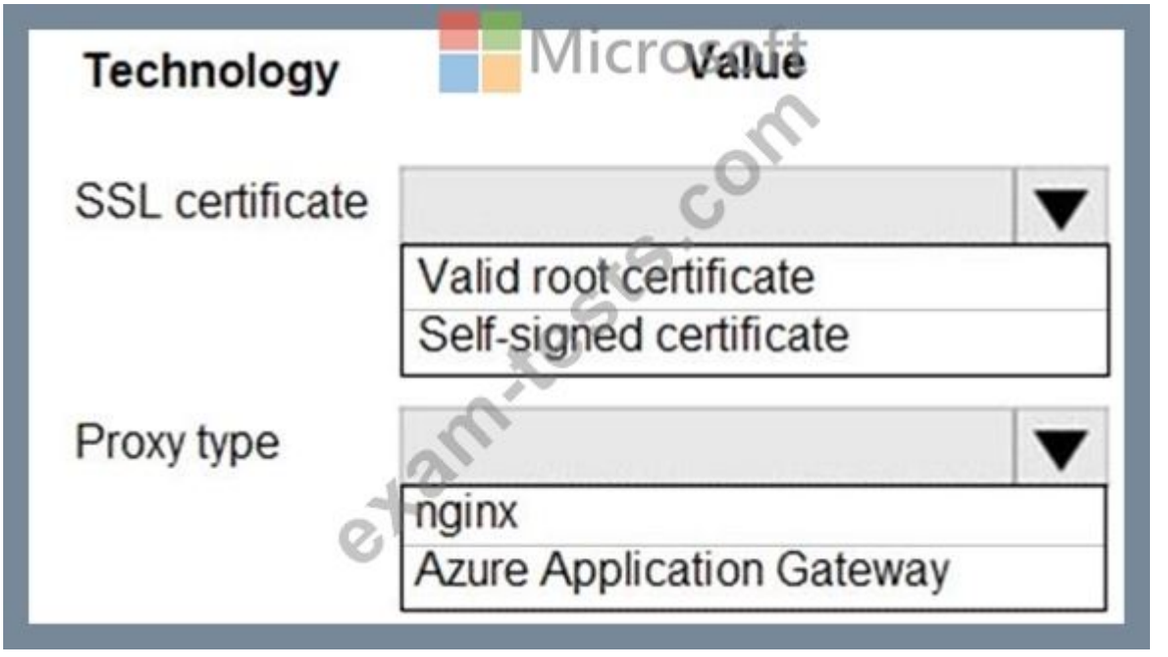


NEW QUESTION: 245

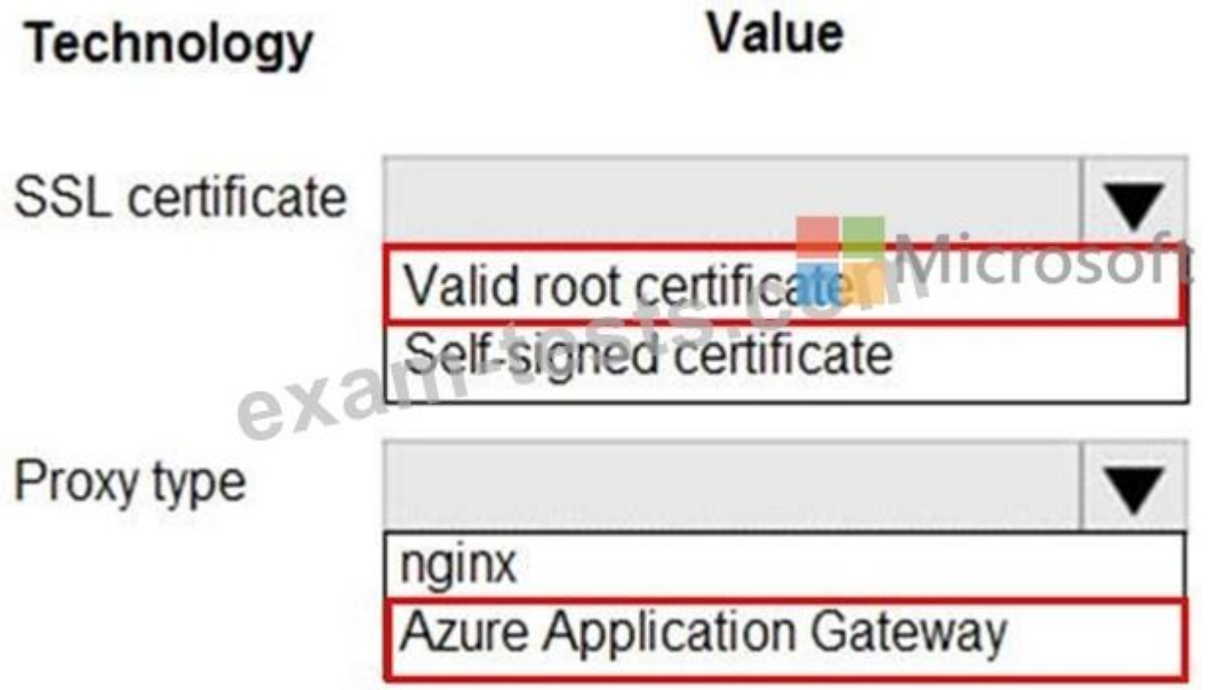
You need to ensure that network security policies are met.

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

NOTE: Each correct selection is worth one point.

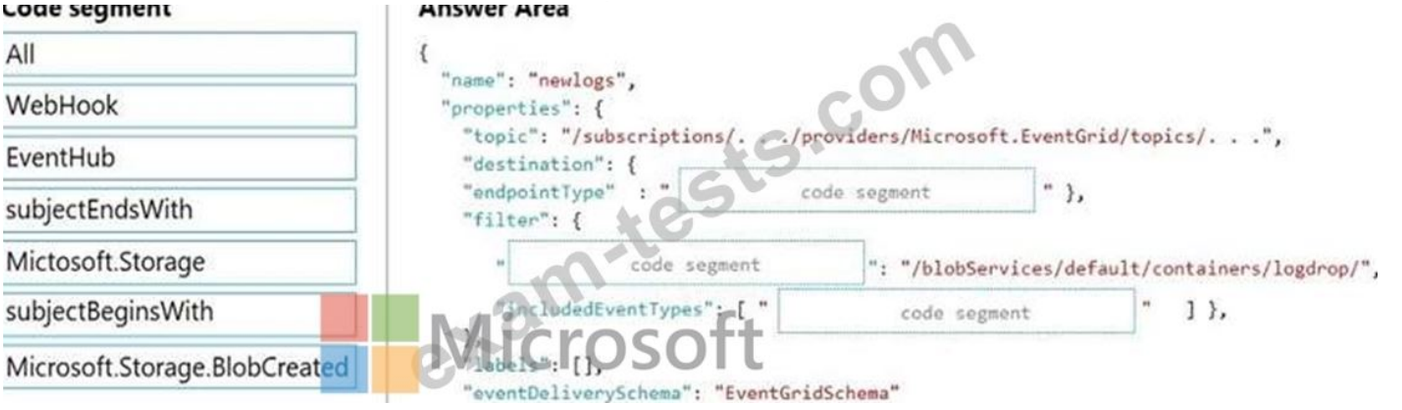


Answer:

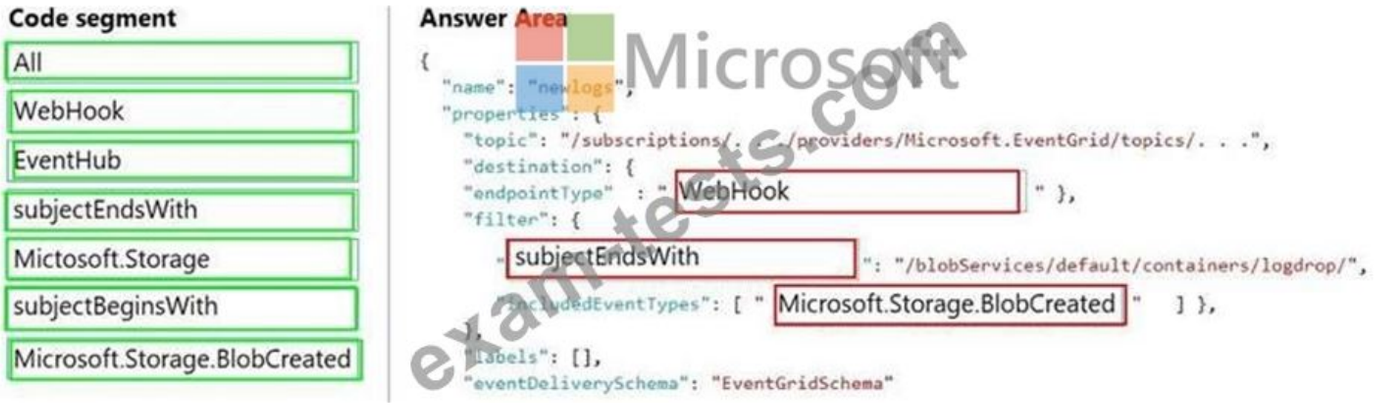


Reference:
https://docs.microsoft.com/en-us/azure/web-application-firewall/ag/ag-overview
https://www.upguard.com/articles/10-tips-for-securing-your-nginx-deployment

NEW QUESTION: 246
You need to implement the Log policy.
How should you complete the Azure Event Grid subscription? 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 to view content.
NOTE: Each correct selection is worth one point.

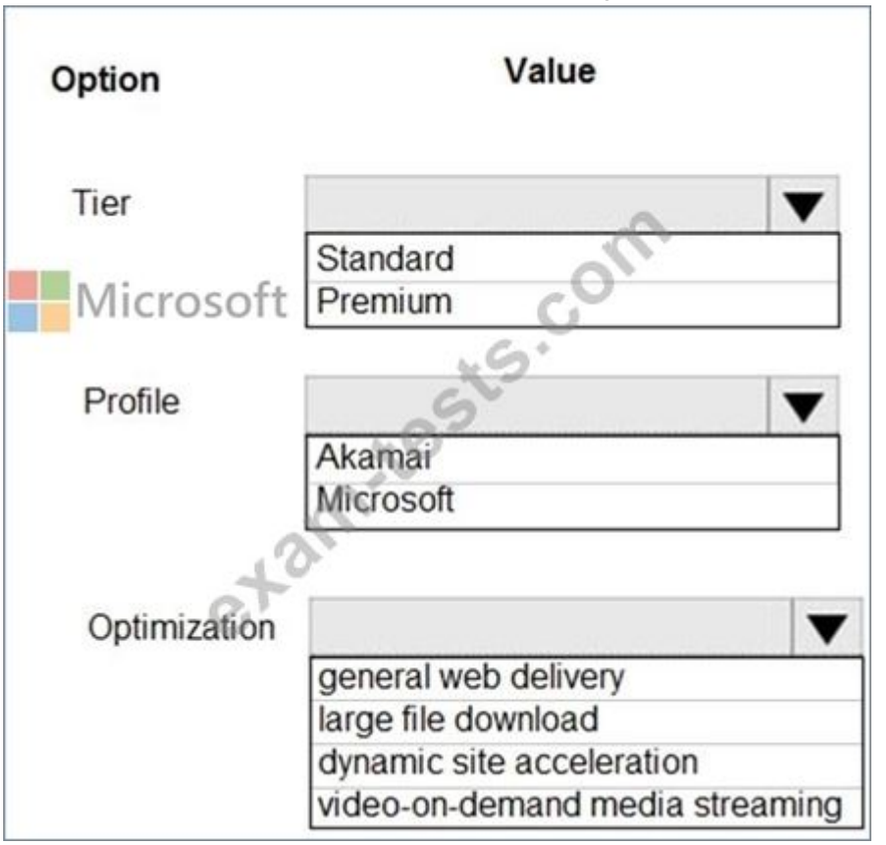


Answer:

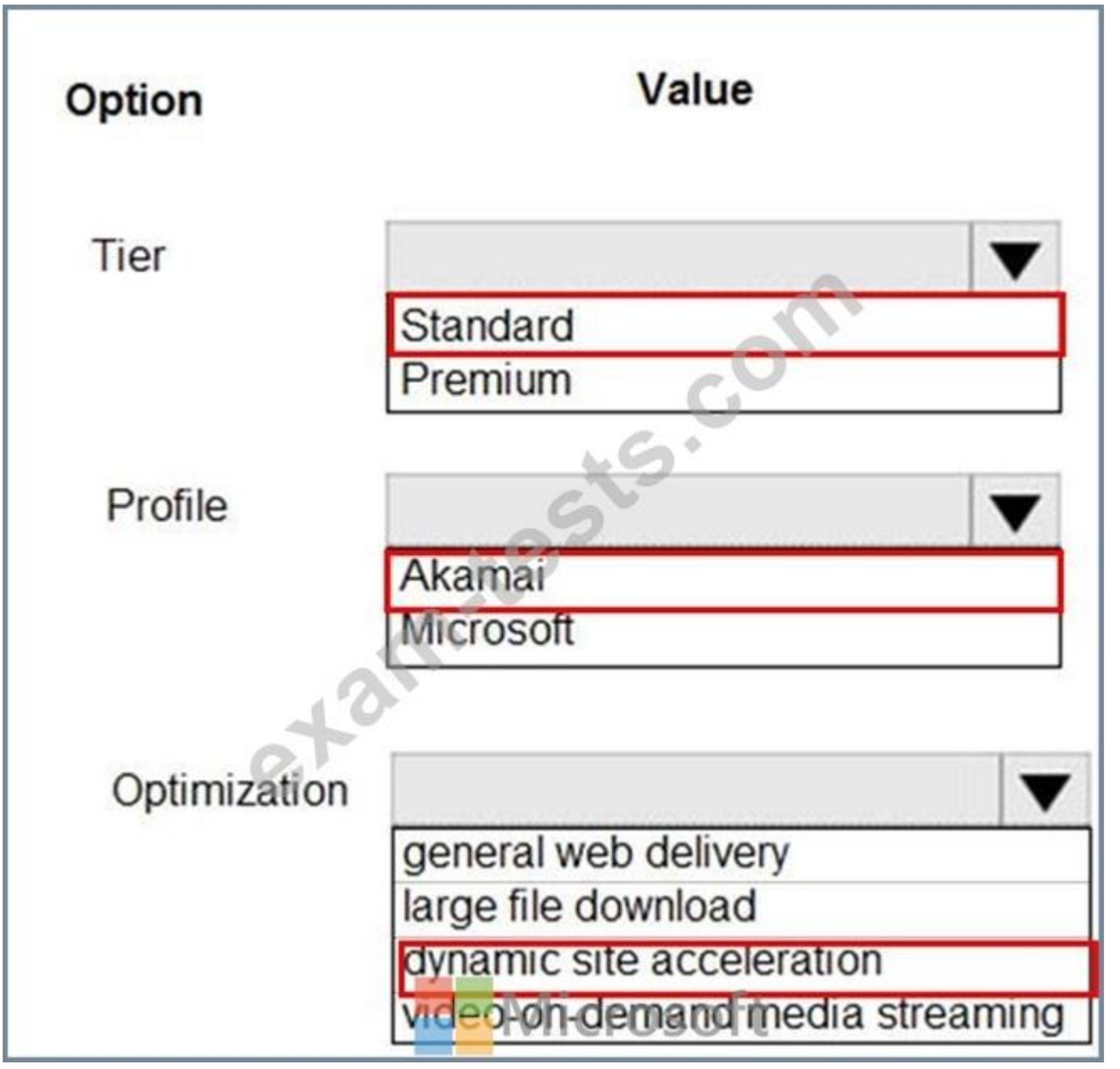


Reference:
https://docs.microsoft.com/en-us/azure/event-grid/subscription-creation-schema

NEW QUESTION: 247
You need to configure Azure CDN for the Shipping web site.
Which configuration options should you use? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.



Answer:



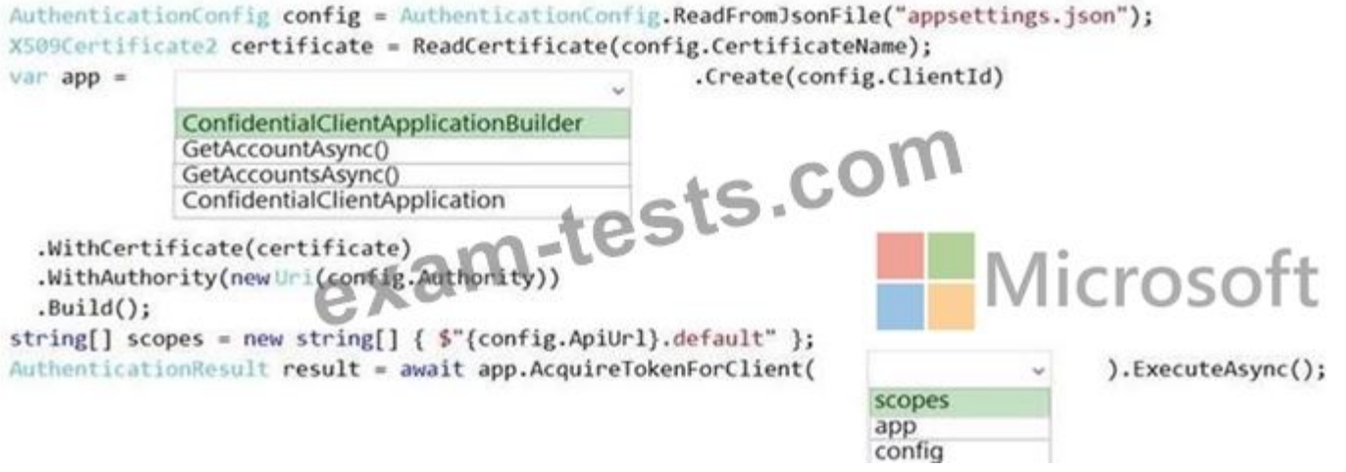
Reference:
https://docs.microsoft.com/en-us/azure/cdn/cdn-optimization-overview

NEW QUESTION: 248
You are developing a web application that makes calls to the Microsoft Graph API. You register the application in the Azure portal and upload a valid X509 certificate.
You create an appsettings.json file containing the certificate name, client identifier for the application, and the tenant identifier of the Azure active Directory (Azure AD). You create a method named ReadCertificate to return the X509 certificate by name.
You need to implement code that acquires a token by using the certificate.
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:

Explanation

Graphical user interface, text, application, email Description automatically generated



https://docs.microsoft.com/en-us/azure/active-directory/develop/scenario-daemon-app-configuration?tabs=dotne

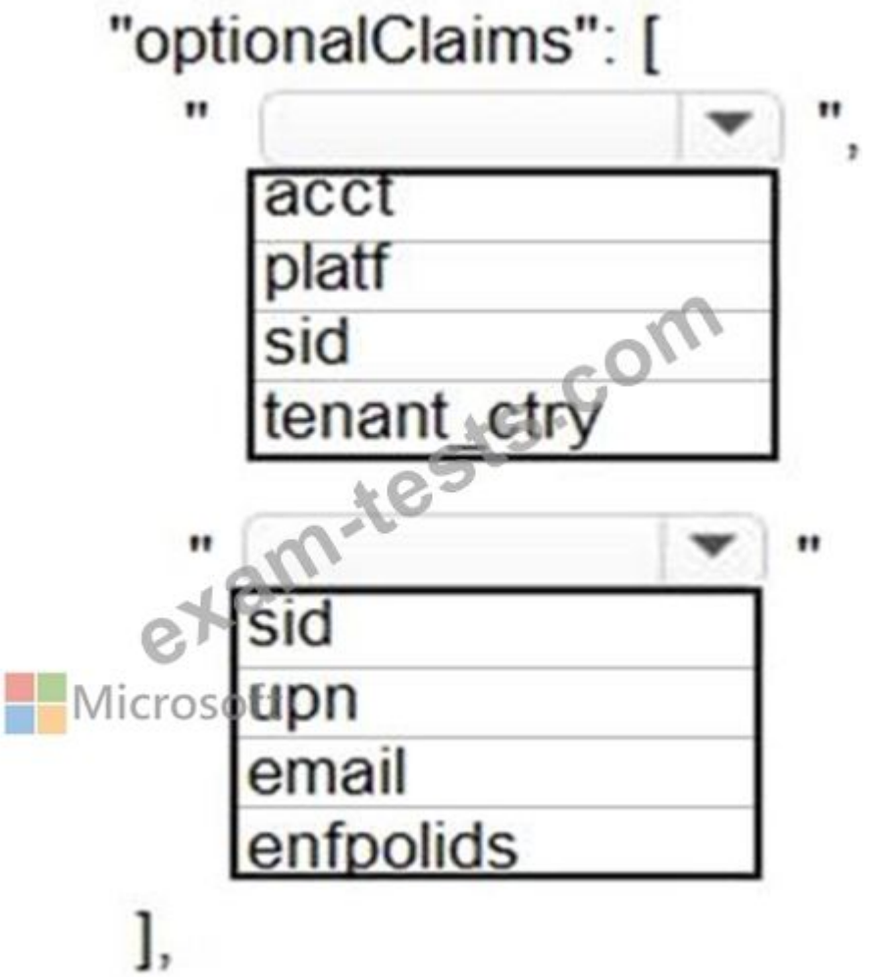
https://docs.microsoft.com/en-us/azure/active-directory/develop/scenario-daemon-acquire-token?tabs=dotnet#ac

NEW QUESTION: 249

You need to add code at line AM10 of the application manifest to ensure that the requirement for manually reviewing content can be met.

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

NOTE: Each correct selection is worth one point.



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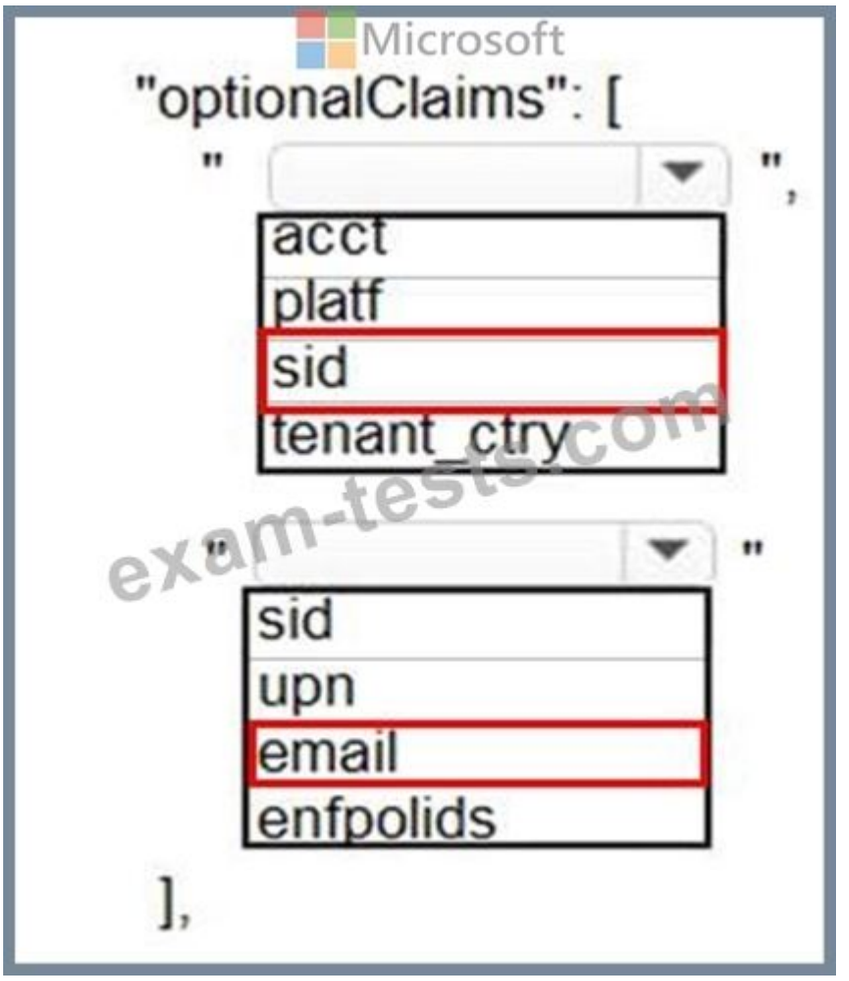
Answer:



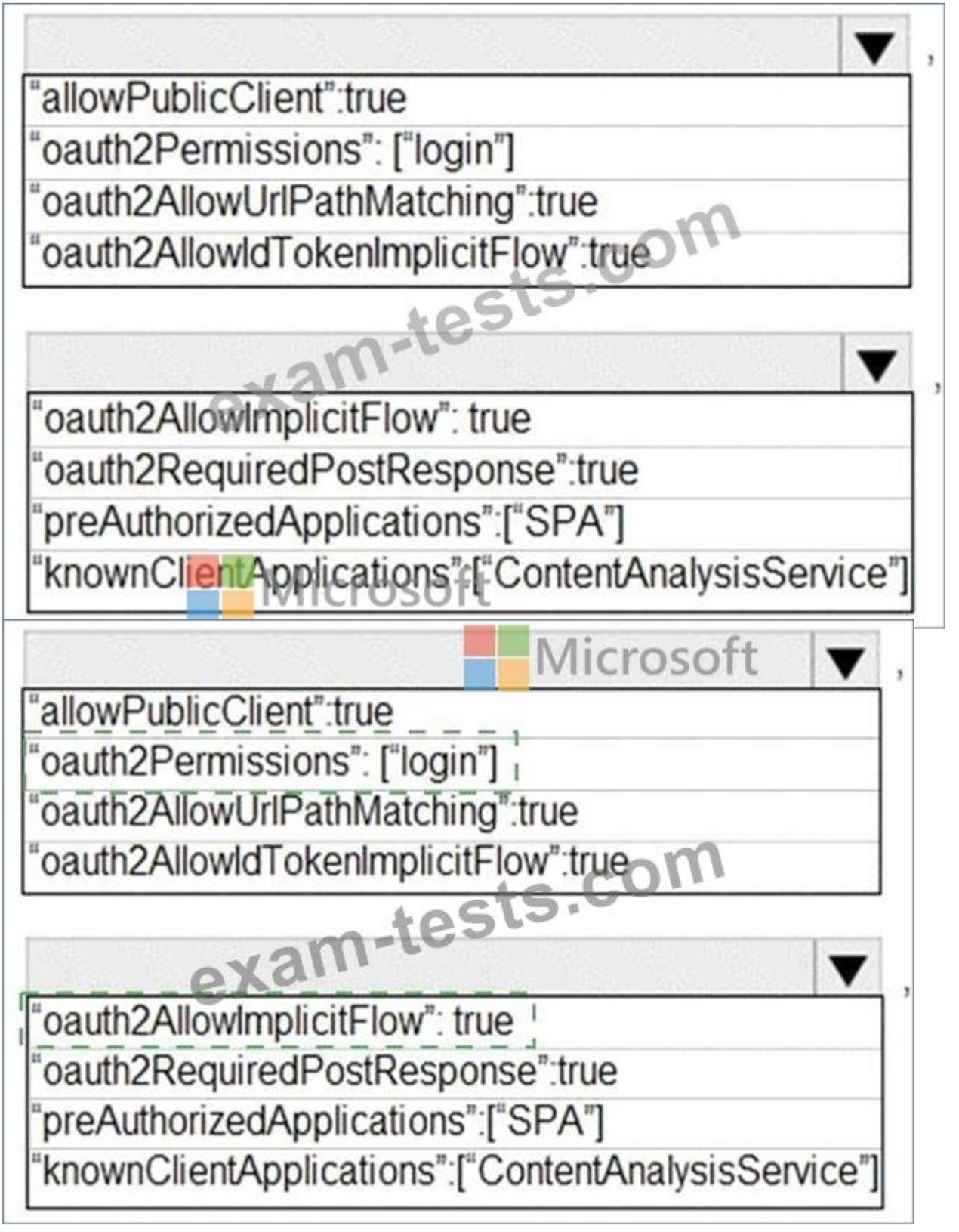
NEW QUESTION: 250
You are developing an Azure messaging solution.
You need to ensure that the solution that meets the following requirements:
* Provide transactional support
* Provide duplicate detection.
* Store the messages for an unlimited period of time
Which two technologies will meet the requirements? 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
D Azure Event Hub
Answer: A,C (LEAVE A REPLY)
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: 251

You need to add code at line AM09 to ensure that users can review content using ContentAnalysisService.

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

NOTE: Each correct selection is worth one point.



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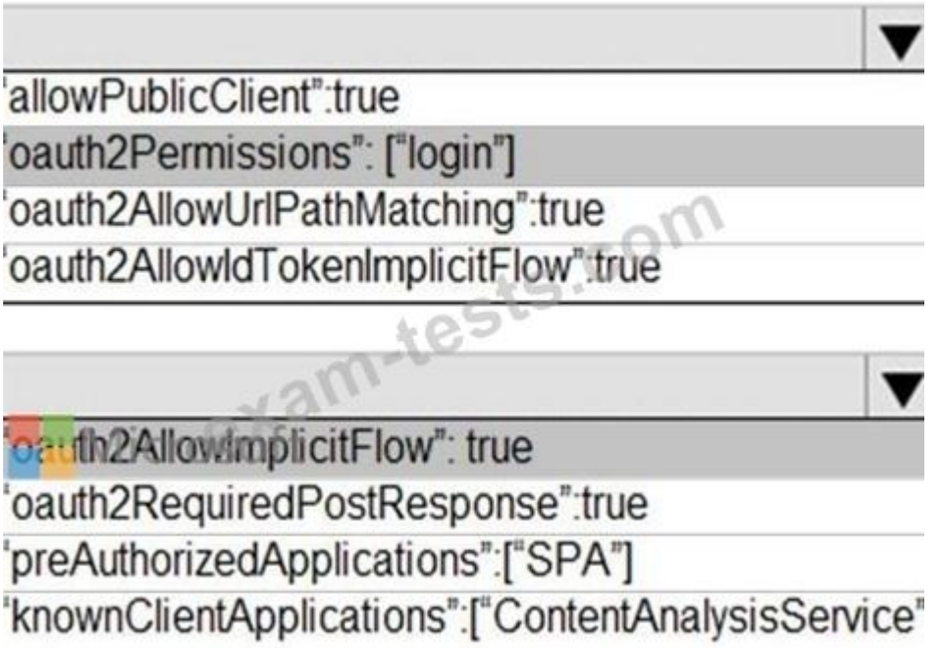
Microsoft

Explanation



Box 1: "oauth2Permissions": ["login"]

oauth2Permissions specifies the collection of OAuth 2.0 permission scopes that the web API (resource) app exposes to client apps. These permission scopes may be granted to client apps during consent.

Box 2: "oauth2AllowImplicitFlow":true

For applications (Angular, Ember.js, React.js, and so on), Microsoft identity platform supports the OAuth 2.0 Implicit Grant flow.

Reference:

https://docs.microsoft.com/en-us/azure/active-directory/develop/reference-app-manifest

NEW QUESTION: 252

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:

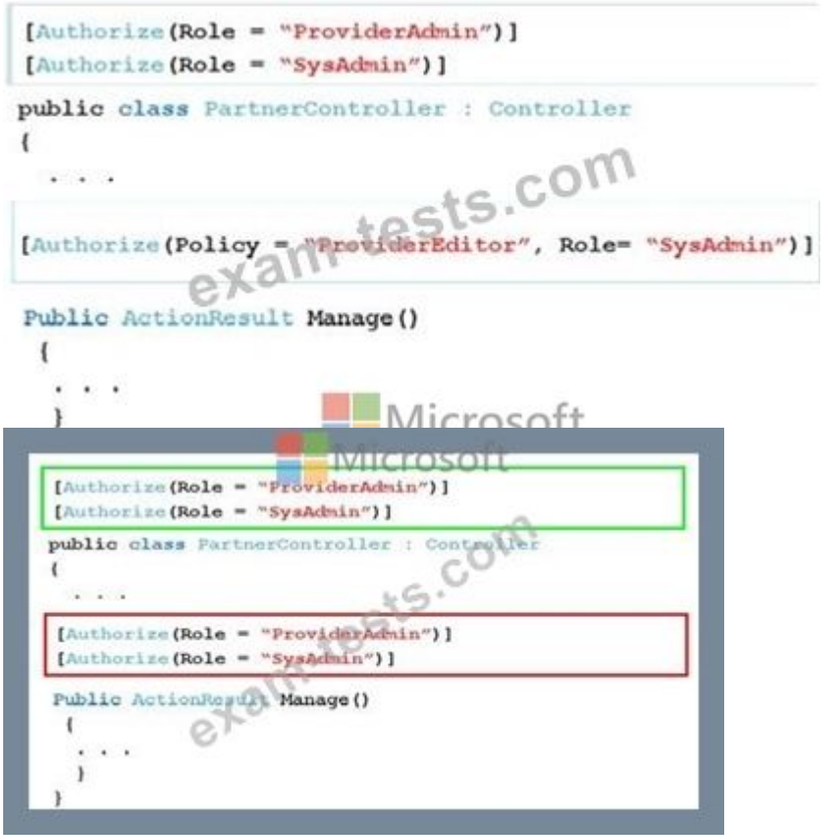
```
services.AddAuthorization (options =>
{
  options.AddPolicy("ProviderPartner", policy =>
  {
   .policy.AddAuthenticationSchemes("Cookie, Bearer");
    policy.RequireAuthenticatedUser();
    policy.RequireRole("ProviderAdmin", "SysAdmin");
    policy.RequireClaim("editor", "partner");
 });
}
```

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.



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