Microsoft

Exam Questions AZ-204

Developing Solutions for Microsoft Azure

NEW QUESTION 1
- (Topic 8)
You are developing several Azure API Management (APIM) hosted APIs. The APIs have the following requirements:
Require a subscription key to access all APIs.
• Include terms of use that subscribers must accept to use the APIs.
• Administrators must review and accept or reject subscription attempts.
• Limit the count of multiple simultaneous subscriptions. You need to implement the APIs.
What should you do? OB.

A. Create and publish a product.
B. Configure and apply query string-based versioning.
C. Configure and apply header-based versioning.
D. Add a new revision to all API
E. Make the revisions current and add a change log entr

Answer: B

NEW QUESTION 2
- (Topic 8)
You are developing an Azure Durable Function to manage an online ordering process. The process must call an external API to gather product discount information.
You need to implement Azure Durable Function.
Which Azure Durable Function types should you use? Each correct answer presents part of the solution
NOTE: Each correct selection is worth ore point

A. Orchestrator
B. Entity
C. Activity
D. Client

Answer: AB

Explanation:
https://learn.microsoft.com/en-us/azure/azure-functions/durable/durable-functions-types- features-overview

NEW QUESTION 3
- (Topic 8)
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.
After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.
You develop an HTTP triggered Azure Function app to process Azure Storage blob data. The app is triggered using an output binding on the blob.
The app continues to time out after four minutes. The app must process the blob data. You need to ensure the app does not time out and processes the blob data.
Solution: Update the functionTimeout property of the host.json project file to 10 minutes. Does the solution meet the goal?

A. Yes
B. No

Answer: B

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 4
- (Topic 8)
You develop and add several functions to an Azure Function app that uses the latest runtime host. The functions contain several REST API endpoints secured by using SSL. The Azure Function app runs in a Consumption plan.
You must send an alert when any of the function endpoints are unavailable or responding too slowly.
You need to monitor the availability and responsiveness of the functions. What should you do?

A. Create a URL ping test.
B. Create a timer triggered function that calls TrackAvailability() and send the results to ApplicationInsights.
C. Create a timer triggered function that calls GetMetric("Request Size") and send the results toApplication Insights.
D. Add a new diagnostic setting to the Azure Function ap
E. Enable the FunctionAppLogs and Send to Log Analytics options.

Answer: B

Explanation:
You can create an Azure Function with TrackAvailability() that will run periodically
according to the configuration given in TimerTrigger function with your own business logic. The results of this test will be sent to your Application Insights resource,

where you will be able to query for and alert on the availability results data. This allows you to create customized tests similar to what you can do via Availability Monitoring in the portal. Customized tests will allow you to write more complex availability tests than is possible using the portal UI, monitor an app inside of your Azure VNET, change the endpoint address, or create an availability test even if this feature is not available in your region.
D18912E1457D5D1DDCBD40AB3BF70D5D
Reference:
https://docs.microsoft.com/en-us/azure/azure-monitor/app/availability-azure-functions

NEW QUESTION 5
- (Topic 8)
An organization hosts web apps in Azure. The organization uses Azure Monitor You discover that configuration changes were made to some of the web apps. You need to identify the configuration changes. Which Azure Monitor log should you review?

A. AppServiceEnvironmentPlatformLogs
B. AppServiceApplogs
C. AppServiceAuditLogs
D. AppServiceConsoteLogs

Answer: C

NEW QUESTION 6
HOTSPOT - (Topic 8)
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.

Requirement	Solution
Configure an Azure Storage account	▼
	Implement Blob Storage
	Implement Azure Cosmos DB
	Implement Storage (general purpose v1)
	Implement StorageV2 (general purpose v2)
Configure data retention	▼
	Snapshot blobs and move them to the archive tier
	Set a lifecycle management policy to move blobs to the cool tier
	Use AzCopy to copy the data to an on-premises device for backup
	Set a lifecycle management policy to move blobs to the archive tier

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Requirement	Solution
Configure an Azure Storage account	▼
	Implement Blob Storage
	Implement Azure Cosmos DB
	Implement Storage (general purpose v1)
	Implement StorageV2 (general purpose v2)
Configure data retention	▼
	Snapshot blobs and move them to the archive tier
	Set a lifecycle management policy to move blobs to the cool tier
	Use AzCopy to copy the data to an on-premises device for backup
	Set a lifecycle management policy to move blobs to the archive tier

NEW QUESTION 7
HOTSPOT - (Topic 8)
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.

Scenario	Property
Search the index by using regular expressions.	QueryType / OrderBy / SearchMode
Organize results by counts for name-value pairs.	Facets / Filter / SearchMode
List hotels within a specified distance to an airport and that fall within a specific price range.	Order by / Top / Filter

A. Mastered
B. Not Mastered

Answer: A

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 8
HOTSPOT - (Topic 8)
You provisioned an Azure Cosmos DB for NoSQL account named account1 with the default consistency level.
You plan to configure the consistency level on a per request basis The level needs to be set for consistent prefix for read and write operations to account1.
You need to identify the resulting consistency level for read and write operations. Which levels should you configure? To answer, select the appropriate options in the
answer area.
NOTE: Each correct selection is worth one point.

Answer Area

Operation type	Resulting consistency level
Read operations	strong / session / consistent prefix
Write operations	strong / session / consistent prefix

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

Operation type	Resulting consistency level
Read operations	▼
	strong
	session
	consistent prefix
Write operations	▼
	strong
	session
	consistent prefix

NEW QUESTION 9
DRAG DROP - (Topic 8)
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.

Features

Custom handler
Extension bundle
Trigger
Runtime
Policy
Hosting plan

Answer Area

Requirement	Feature
Enable developers to write the functions by using the Rust language.	Feature
Declaratively connect to an Azure Blob Storage account.	Feature

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: Custom handler
Custom handlers can be used to create functions in any language or runtime by running an HTTP server process, for example Go or Rust.
Box 2: Trigger
Functions are invoked by a trigger and can have exactly one. In addition to invoking the function, certain triggers also serve as bindings. You may also define multiple bindings in addition to the trigger. Bindings provide a declarative way to connect data to your code.

NEW QUESTION 10
DRAG DROP - (Topic 8)
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.

WebJob types

Triggered
Continuous

Scenario	WebJob type
Run on all instances that the web app runs on. Optionally restrict the WebJob to a single instance.	
Run on a single instance that Azure select for load balancing.	
Supports remote debugging	

A. Mastered
B. Not Mastered

Answer: A

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 10
- (Topic 8)
You develop Azure solutions.
You must connect to a No-SQL globally-distributed database by using the .NET API. You need to create an object to configure and execute requests in the database. Which code segment should you use?

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

Answer: C

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

NEW QUESTION 14
- (Topic 8)
You ate designing a small app that will receive web requests containing encoded geographic coordinates. Calls to the app will occur infrequently.
Which compute solution should you recommend?

A. Azure Functions
B. Azure App Service
C. Azure Batch
D. Azure API Management

Answer: B

NEW QUESTION 18
DRAG DROP - (Topic 8)
A web service provides customer summary information for e-commerce partners. The web service is implemented as an Azure Function app with an HTTP trigger.
Access to the API is provided by an Azure API Management instance. The API Management instance is configured in consumption plan mode. All API calls are authenticated by using OAuth.
API calls must be cached. Customers must not be able to view cached data for other customers.
You need to configure API Management policies for caching. How should you complete the policy statement?

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: internal caching-type
Choose between the following values of the attribute:
? internal to use the built-in API Management cache,
? external to use the external cache as Azure Cache for Redis
? prefer-external to use external cache if configured or internal cache otherwise.
Box 2: private downstream-caching-type
This attribute must be set to one of the following values.
? none - downstream caching is not allowed.
? private - downstream private caching is allowed.
? public - private and shared downstream caching is allowed.
Box 3: Authorization
<vary-by-header>Authorization</vary-by-header>
<!-- should be present when allow-private-response-caching is "true"-->
Note: Start caching responses per value of specified header, such as Accept, Accept- Charset, Accept-Encoding, Accept-Language, Authorization, Expect, From, Host, If-Match

NEW QUESTION 19
DRAG DROP - (Topic 8)
You are developing an ASP.NET Core website that can be used to manage photographs which are stored in Azure Blob Storage containers.
Users of the website authenticate by using their Azure Active Directory (Azure AD) credentials.
You implement role-based access control (RBAC) role permissions on the containers that store photographs. You assign users to RBAC roles.
You need to configure the website's Azure AD Application so that user's permissions can be used with the Azure Blob containers.
How should you configure the application? To answer, drag the appropriate setting to the correct location. Each setting can be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.
NOTE:Each correct selection is worth one point.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: user_impersonation
Box 2: delegated Example:
* 1. Select the API permissions section
* 2. Click the Add a permission button and then: Ensure that the My APIs tab is selected
* 3. In the list of APIs, select the API TodoListService-aspnetcore.
* 4. In the Delegated permissions section, ensure that the right permissions are checked: user_impersonation.
* 5. Select the Add permissions button.
Box 3: delegated Example
* 1. Select the API permissions section
* 2. Click the Add a permission button and then, Ensure that the Microsoft APIs tab is selected
* 3. In the Commonly used Microsoft APIs section, click on Microsoft Graph
* 4. In the Delegated permissions section, ensure that the right permissions are checked: User.Read. Use the search box if necessary.
* 5. Select the Add permissions button

NEW QUESTION 23
HOTSPOT - (Topic 8)
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

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

CloudQueueClient CloudTableClient CloudQueue CloudTable	pVar1 = storageAccount.	CreateCloudQueueClient CreateCloudTableClient GetQueueReference GetTableReference	();
	pVar2 = pVar1.		

| CloudQueueClient
CloudTableClient
CloudQueue
CloudTable | tExistsAsync(); | CreateCloudQueueClient
CreateCloudTableClient
GetQueueReference
GetTableReference | ("contoso-storage"); |

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Answer Area

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

CloudQueueClient CloudTableClient CloudQueue CloudTable	pVar1 = storageAccount.	CreateCloudQueueClient CreateCloudTableClient GetQueueReference GetTableReference	();
	pVar2 = pVar1.		

| CloudQueueClient
CloudTableClient
CloudQueue
CloudTable | tExistsAsync(); | CreateCloudQueueClient
CreateCloudTableClient
GetQueueReference
GetTableReference | ("contoso-storage"); |

NEW QUESTION 24
HOTSPOT - (Topic 8)
You develop new functionality in a web application for a company that provides access to seismic data from around the world. The seismic data is stored in Redis Streams within an Azure Cache for Redis instance.
The new functionality includes a real-time display of seismic events as they occur. You need to implement the Azure Cache for Redis command to receive seismic data.
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

XREAD ▼	BLOCK 0 ▼	STREAMS seismicData	$ ▼
XLEN	BLOCK 0		$
XREAD	COUNT 0		(&
XRANGE	BLOCK -1		(0-0 +
	COUNT -1		(0-0 -

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Answer Area

XREAD ▼	BLOCK 0 ▼	STREAMS seismicData	$ ▼
XLEN	BLOCK 0		$
XREAD	COUNT 0		(&
XRANGE	BLOCK -1		(0-0 +
	COUNT -1		(0-0 -

NEW QUESTION 28
HOTSPOT - (Topic 8)
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.

```
AuthenticationConfig config = AuthenticationConfig.ReadFromJsonFile("appsettings.json");
X509Certificate2 certificate = ReadCertificate(config.CertificateName);
var app =                                              .Create(config.ClientId)
            ┌────────────────────────────────────┬─┐
            │ ConfidentialClientApplicationBuilder │▼│
            │ GetAccountAsync()                    │ │
            │ GetAccountsAsync()                   │ │
            │ ConfidentialClientApplication        │ │
            └────────────────────────────────────┴─┘
    .WithCertificate(certificate)
    .WithAuthority(new Uri(config.Authority))
    .Build();
string[] scopes = new string[] { $"{config.ApiUrl}.default" };
AuthenticationResult result = await app.AcquireTokenForClient(              ).ExecuteAsync();
                                                            ┌───────────┬─┐
                                                            │ scopes    │▼│
                                                            │ app       │ │
                                                            │ config    │ │
                                                            └───────────┴─┘
```

A. Mastered
B. Not Mastered

Answer: A

Explanation:

https://docs.microsoft.com/en-us/azure/active-directory/develop/scenario-daemon-app-configuration?tabs=dotnet#instantiate-the-confidential-client-application-with-a-client- certificate

https://docs.microsoft.com/en-us/azure/active-directory/develop/scenario-daemon-acquire-token?tabs=dotnet#acquiretokenforclient-api

NEW QUESTION 30
- (Topic 8)
You develop a REST API. You implement a user delegation SAS token to communicate
with Azure Blob storage.
The token is compromised. You need to revoke the token.
What are two possible ways to achieve this goal? Each correct answer presents a complete solution.
NOTE: Each correct selection is worth one point.

A. Revoke the delegation keys
B. Delete the stored access policy.
C. Regenerate the account key.
D. Remove the role assignment for the security principle.

Answer: AB

Explanation:
A: Revoke a user delegation SAS
To revoke a user delegation SAS from the Azure CLI, call the az storage account revoke- delegation-keys command. This command revokes all of the user
delegation keys associated with the specified storage account. Any shared access signatures associated with those keys are invalidated.
B: To revoke a stored access policy, you can either delete it, or rename it by changing the signed identifier.
Changing the signed identifier breaks the associations between any existing signatures and the stored access policy. Deleting or renaming the stored access
policy immediately effects all of the shared access signatures associated with it. D18912E1457D5D1DDCBD40AB3BF70D5D
Reference:
https://github.com/MicrosoftDocs/azure-docs/blob/master/articles/storage/blobs/storage-blob-user-delegationsas-create-cli.md
https://docs.microsoft.com/en-us/rest/api/storageservices/define-stored-access-policy#modifying-or-revoking-astored-access-policy

NEW QUESTION 32
- (Topic 8)
You are developing a web application that runs as an Azure Web App. The web application stores data in Azure SQL Database and stores files in an Azure
Storage account. The web application makes HTTP requests to external services as part of normal operations.
The web application is instrumented with Application Insights. The external services are OpenTelemetry compliant.
You need to ensure that the customer ID of the signed in user is associated with all operations throughout the overall system.
What should you do?

A. Create a new SpanContext with the TraceRags value set to the customer ID for the signed in user.
B. On the current SpanContext, set the TraceId to the customer ID for the signed in user.
C. Add the customer ID for the signed in user to the CorrelationContext in the web application.
D. Set the header Ocp-Apim-Trace to the customer ID for the signed in user.

Answer: C

Explanation:
Reference:
https://docs.microsoft.com/en-us/azure/azure-monitor/app/correlation

NEW QUESTION 37
- (Topic 8)
You are developing a solution that will use a multi-partitioned Azure Cosmos DB database. You plan to use the latest Azure Cosmos DB SDK for development.
The solution must meet the following requirements:
? Send insert and update operations to an Azure Blob storage account.
? Process changes to all partitions immediately.
? Allow parallelization of change processing.
You need to process the Azure Cosmos DB operations.
What are two possible ways to achieve this goal? Each correct answer presents a complete solution.

NOTE:Each correct selection is worth one point.

A. Create an Azure App Service API and implement the change feed estimator of the SD
B. Scale the API by using multiple Azure App Service instances.
C. Create a background job in an Azure Kubernetes Service and implement the change feed feature of the SDK.
D. Create an Azure Function to use a trigger for Azure Cosmos D
E. Configure the trigger toconnect to the container.
F. Create an Azure Function that uses a FeedIterator object that processes the change feed by using the pull model on the containe
G. Use a FeedRange objext to parallelize the processing of the change feed across multiple functions.

Answer: CD

Explanation:
Azure Functions is the simplest option if you are just getting started using the change feed. Due to its simplicity, it is also the recommended option for most change feed use cases. When you create an Azure Functions trigger for Azure Cosmos DB, you select the container to connect, and the Azure Function gets triggered whenever there is a change in the container. Because Azure Functions uses the change feed processor behind the scenes, it automatically parallelizes change processing across your container's partitions.
Note: You can work with change feed using the following options:
? Using change feed with Azure Functions
? Using change feed with change feed processor
Reference:
https://docs.microsoft.com/en-us/azure/cosmos-db/read-change-feed
https://docs.microsoft.com/en-us/azure/cosmos-db/change-feed-pull-model https://docs.microsoft.com/en-us/azure/cosmos-db/read-change-feed#azure-functions
https://docs.microsoft.com/en-us/azure/cosmos-db/change-feed-pull-model#using-feedrange-for-parallelization

NEW QUESTION 40
- (Topic 8)
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.
After you answer a question in this section, you will NOT be able to return to 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 Storage Queue from the mobile application. Create an Azure Function App that uses an Azure Storage Queue trigger.
Does the solution meet the goal?

A. Yes
B. No

Answer: A

Explanation:
Create an Azure Function App that uses an Azure Service Bus Queue trigger. Reference:
https://docs.microsoft.com/en-us/azure/azure-functions/functions-create-storage-queue- triggered-function

NEW QUESTION 45
HOTSPOT - (Topic 8)
You plan to implement an Azure Functions app.
The Azure Functions app has the following requirements:
•Must be triggered by a message placed in an Azure Storage queue.
•Must use the queue name set by an app setting named input-queue.
•Must create an Azure Blob Storage named the same as the content of the message.
You need to identify how to reference the queue and blob name in the function. Just file of the Azure Functions app.
How should you reference the names? To answer, select the appropriate values in the answer area. NOTE: Each correct selection is worth one point.
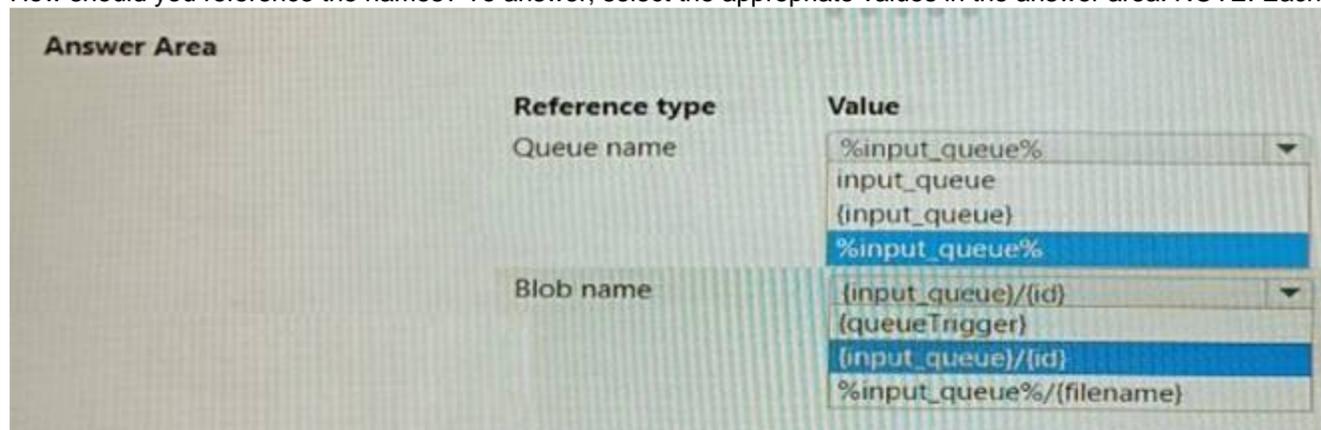
A. Mastered
B. Not Mastered

Answer: A

Explanation:
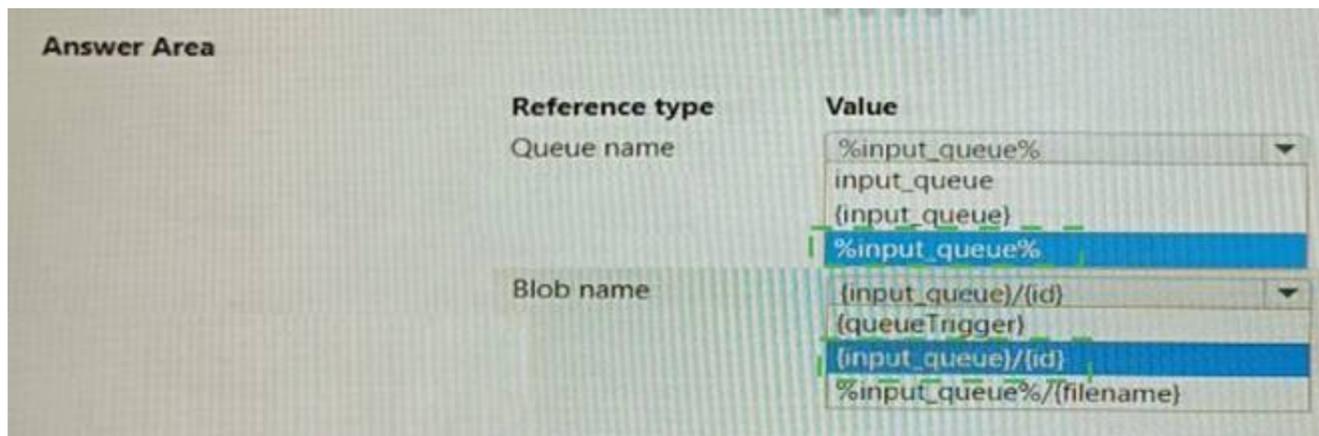
NEW QUESTION 48

- (Topic 8)

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

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

You reed to meet the requirement.

Which two operations you prevent?

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

Answer: AC

NEW QUESTION 51

- (Topic 8)

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

After you answer a question in this section, you will NOT be able to return to 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 Service Bus. Configure a topic to receive the device data by using a correlation filter.

Does the solution meet the goal?

A. Yes
B. No

Answer: A

Explanation:

A message is raw data produced by a service to be consumed or stored elsewhere. The Service Bus is for high-value enterprise messaging, and is used for order processing and financial transactions.

Reference:

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

NEW QUESTION 56

HOTSPOT - (Topic 8)

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

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

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

You went to update the app to use the feature flag.

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

NOTE: Each correct selection is worth one point.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: FeatureGate
You can use the FeatureGate attribute to control whether a whole controller class or a specific action is enabled.
Box 2: AddAzureAppConfiguration
The extension method AddAzureAppConfiguration is used to add the Azure App Configuration Provider.
Box 3: https://appfeatureflagstore.azconfig.io
You need to request the access token with resource=https://<yourstorename>.azconfig.io

NEW QUESTION 61
- (Topic 8)
You are developing a mobile instant messaging app for a company. The mobile app must meet the following requirements:
• Support offline data sync.
• Update the latest messages during normal sync cycles. You need to implement Offline Data Sync.
Which two actions should you perform? Each conn I answer presents part of the solution. NOTE: Each correct selection is worth one point.

A. Retrieve records from Offline Data Sync on every call to the PullAsync method.
B. Retrieve records from Offline Data Sync using an Incremental Sync.
C. Push records to Offline Data Sync using an Incremental Sync.
D. Return the updatedAt column from the Mobile Service Backend and implement sorting by using the column.
E. Return the updatedAt column from the Mobile Service Backend and implement sorting by the message id.

Answer: BE

Explanation:
B: Incremental Sync: the first parameter to the pull operation is a query name that is used only on the client. If you use a non-null query name, the Azure Mobile SDK performs an incremental sync. Each time a pull operation returns a set of results, the latest updatedAt timestamp from that result set is stored in the SDK local system tables. Subsequent pull operations retrieve only records after that timestamp.
E (not D): To use incremental sync, your server must return meaningful updatedAt values and must also support sorting by this field. However, sincethe SDK adds its own sort on the updatedAt field, you cannot use a pull query that has its own orderBy clause.
References:
https://docs.microsoft.com/en-us/azure/app-service-mobile/app-service-mobile-offline-data- sync

NEW QUESTION 62
HOTSPOT - (Topic 8)
You are developing an online game that allows players to vote for their favorite photo that illustrates a word. The game is built by using Azure Functions and uses durable entities to track the vote count
The voting window is 30 seconds. You must minimize latency. You need to implement the Azure Function for voting.
How should you complete the code? To answer, select the appropriate options in the answer area.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
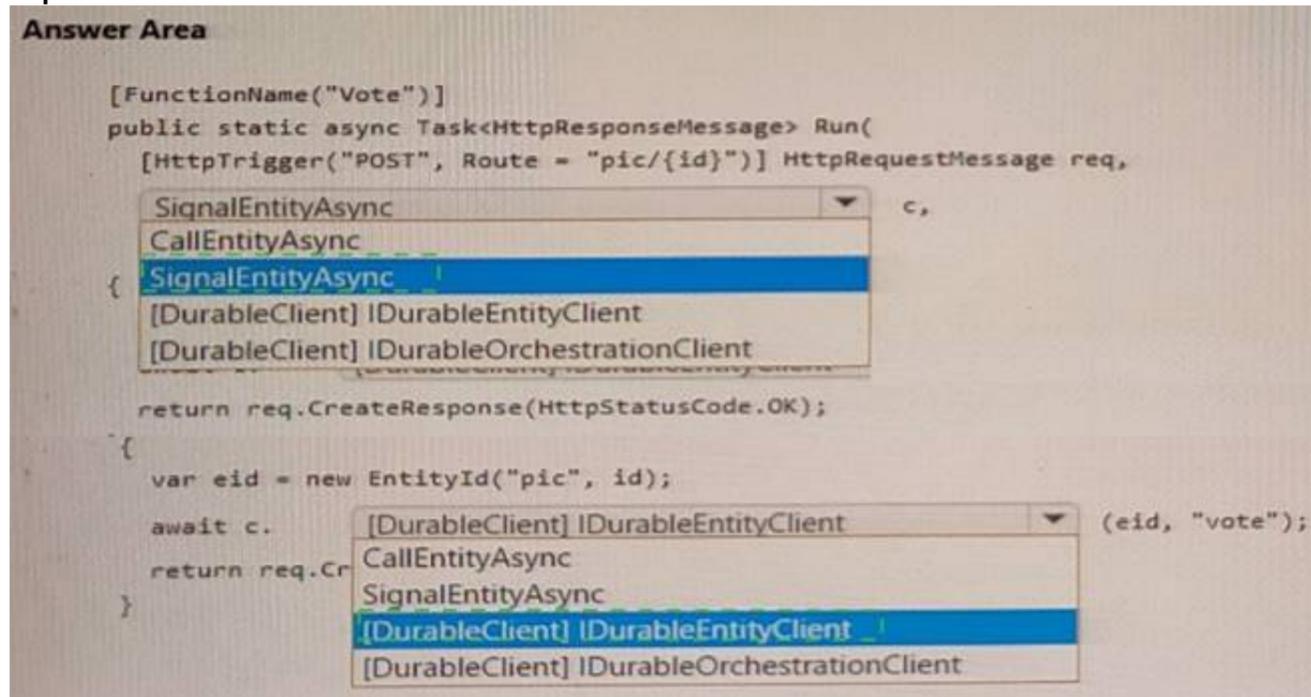
NEW QUESTION 67
- (Topic 8)
You develop and deploy a web app to Azure App Service. The Azure App Service uses a Basic plan in a region.
Users report that the web app is responding must capture the complete call stack to help performance issues in code. Call stack data must be correlated across app instances. You must minimize cost and impact to users on the web app.
You need to capture the telemetry.
Which three actions should you perform? Each answer presents part Of the solution NOTE: Each correct selection is worth point

A. Enable Application Insights site extensions.
B. Enable Profiler.
C. Restart all apps in the App Service plan.
D. Enable Snapshot debugger.
E. Enable remote debugging.
F. Enable the Always On setting for the app service.
G. Upgrade the Azure App Service plan to Premium

Answer: CDF

NEW QUESTION 68
HOTSPOT - (Topic 8)
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.
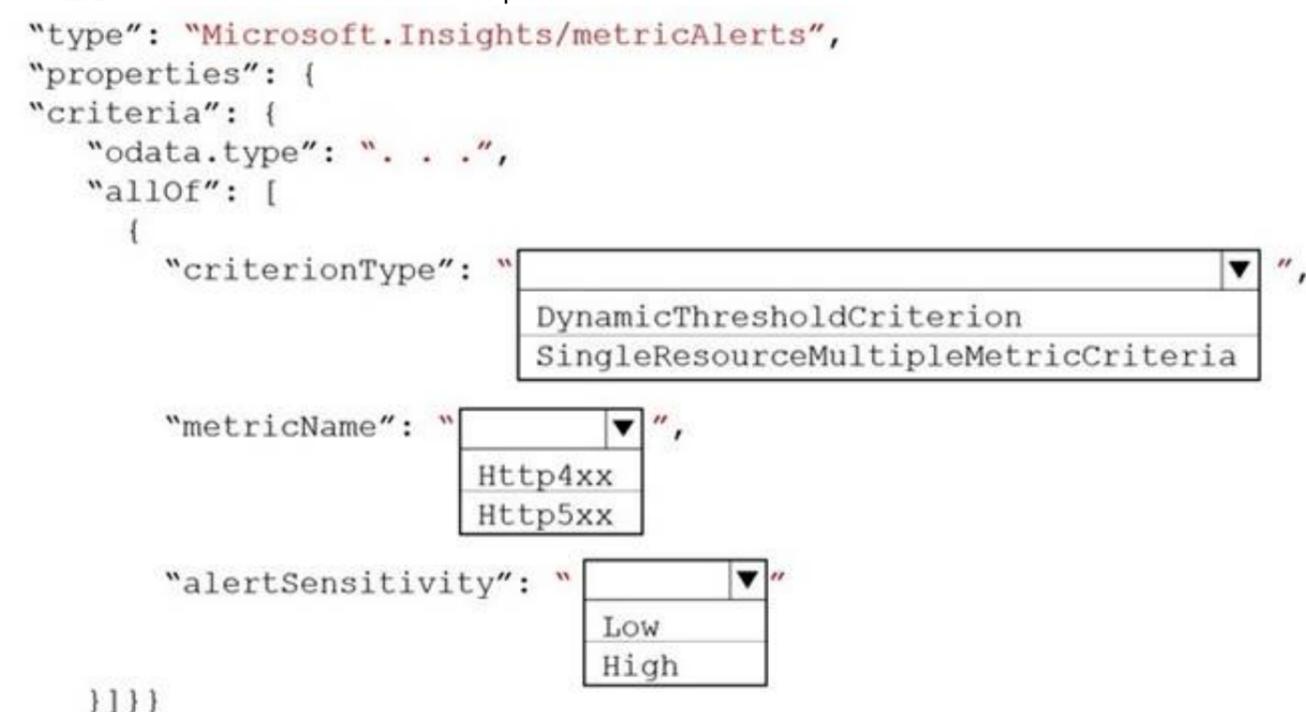
A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: DynamicThresholdCriterion
Box 2: Http5xx
Server errors are in the 5xx range. Client errors are in the 4xx range
Box 3: Low

NEW QUESTION 72
DRAG DROP - (Topic 8)
You are preparing to deploy an Azure virtual machine (VM) based application. The VMs that run the application have the following requirements:
• When a VM is provisioned the firewall must be automatically configured before it can access Azure resources.
• Supporting services must be installed by using an Azure PowerShell script that is stored in Azure Storage
You need to ensure that the requirements are met.
Which features should you use? To answer, drag the appropriate features to the correct requirements.
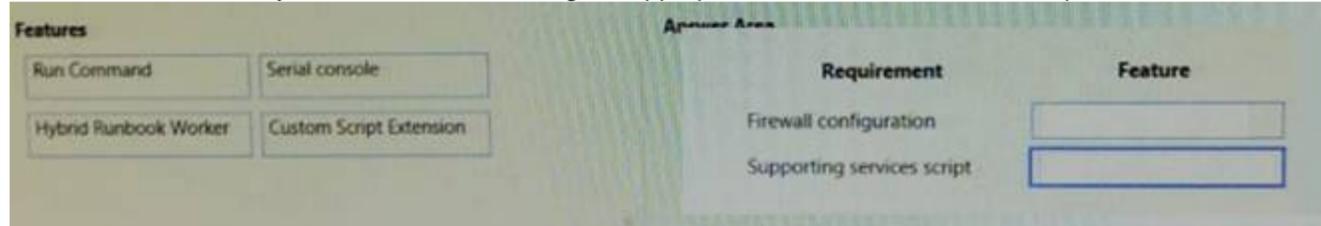
A. Mastered
B. Not Mastered

Answer: A

Explanation:
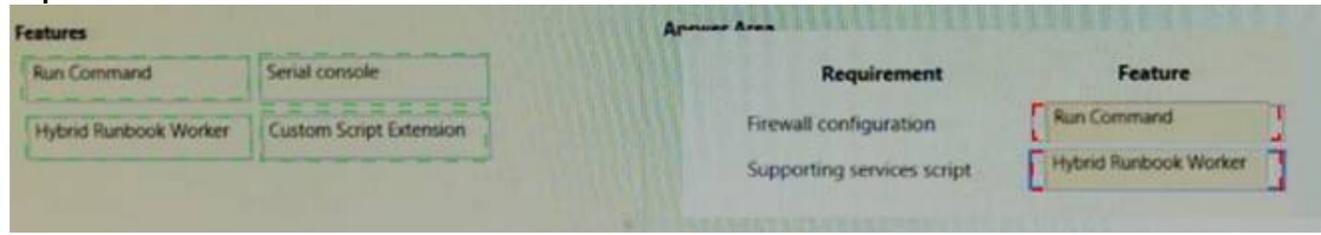
NEW QUESTION 75
- (Topic 8)
You are developing a .Net web application that stores data is Azure Consmos DB. The application must use the Core API and allow millions of reads and writes. The Azure Cosmos DII account has been created with multiple write region enabled. The application has been deployed to the East US2 and Central US region.
You need to update the application to support multi-region writes.
What are two possible ways to achieve this goal? Each correct answer presents parts of the solutions.
NOTE: Each correct selection is worth one point.

A. Update the ConnectionPolicy class for the Cosmos client and populate the PreferredLocations property based on the geo-proximity of the application.
B. Update Azure Cosmos DB to use the Strong consistency leve
C. Add indexed properties to the container to indicate region.
D. Update the ConnectionPolicy class for the Cosmos client and set the UseMultipleWriteLocations property to true.
E. Create and deploy a custom conflict resolution policy.
F. Update Azure Cosmos DB to use the Session consistency leve
G. Send the SessionToken property value from the FeedResponse object of the write action to the end- user by using a cookie.

Answer: CD

NEW QUESTION 79
HOTSPOT - (Topic 8)
You are creating a CLI script that creates an Azure web app 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 GitHub 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.

```
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
```

A. Mastered
B. Not Mastered

Answer: A

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

NEW QUESTION 84
- (Topic 8)
You ate developing an application that allows users to find musicians that ate looking for work. The application must store information about musicians, the instruments that they play, and other related data.
The application must also allow users to determine which musicians have played together, including groups of three or more musicians that have performed together at a specific location.
Which Azure Cosmos D6 API should you use for the application?

A. Core
B. MongoDB
C. Cassandra
D. Gremlin

Answer: B

NEW QUESTION 89
HOTSPOT - (Topic 8)
You are implementing a software as a service (SaaS) ASP.NET Core web service that will run as an Azure Web App. The web service will use an on-premises SQL Server database for storage. The web service also includes a WebJob that processes data updates. Four customers will use the web service.
•Each instance of the WebJob processes data for a single customer and must run as a singleton instance.
•Each deployment must be tested by using deployment slots prior to serving production data.
•Azure costs must be minimized.
•Azure resources must be located in an isolated network. You need to configure the App Service plan for the Web App.
How should you configure the App Service plan? To answer, select the appropriate settings in the answer area.
NOTE: Each correct selection is worth one point.

App service plan setting	Value

Number of VM instances [▼]
| 2 |
| 4 |
| 8 |
| 16 |

Pricing tier [▼]
| Isolated |
| Standard |
| Premium |
| Consumption |

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Number of VM instances: 4
You are not charged extra for deployment slots.
Pricing tier: Isolated
The App Service Environment (ASE) is a powerful feature offering of the Azure App Service that gives network isolation and improved scale capabilities. It is essentially a deployment of the Azure App Service into a subnet of a customer's Azure Virtual Network (VNet).
References:
https://azure.microsoft.com/sv-se/blog/announcing-app-service-isolated-more-power-scale-and-ease-of-use/

NEW QUESTION 91
- (Topic 8)
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others
might not have a correct solution.
After you answer a question in this section, you will NOT be able to return to 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

Explanation:
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 96
- (Topic 8)
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: ADE

Explanation:
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 98
- (Topic 8)
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.
After you answer a question in this 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 o bject 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

Explanation:
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 103
- (Topic 8)
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: C

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-compared-contrasted

NEW QUESTION 107
DRAG DROP - (Topic 8)
You are authoring a set of nested Azure Resource Manager templates to deploy multiple Azure resources.
The templates must be tested before deployment and must follow recommended practices. You need to validate and test the templates before deployment.
Which tools should you use? To answer, drag the appropriate tools to the correct requirements. Each tool may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.
NOTE: Each correct selection is worth one point.

Tools	Answer Area	
Parameter file	**Requirement**	**Tool**
Template function	Determine whether the templates follow recommended practices.	Tool
Azure Resource Manager test toolkit		
User-defined function	Test and validate changes that templates will make to the environment.	Tool
What-if operation		
Azure Deployment Manager		

A. Mastered
B. Not Mastered

Answer: A

Explanation:
https://docs.microsoft.com/en-us/azure/azure-resource-manager/templates/test-toolkit
https://docs.microsoft.com/en-us/azure/azure-resource-manager/templates/deploy-what-if?tabs=azure-powershell

NEW QUESTION 110
DRAG DROP - (Topic 8)
You are a developer for a Software as a Service (SaaS) company. You develop solutions that provide the ability to send notifications by using Azure Notification Hubs.
You need to create sample code that customers can use as a reference for how to send raw notifications to Windows Push Notification Services (WNS) devices. The sample code must not use external packages.
How should you complete the code segment? To answer, drag the appropriate code segments to the correct locations. Each code segment may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.
NOTE:Each correct selection is worth one point.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: windows Example code:
var request = new HttpRequestMessage(method, $"{resourceUri}?api-version=2017-04"); request.Headers.Add("Authorization", createToken(resourceUri, KEY_NAME, KEY_VALUE));
request.Headers.Add("X-WNS-Type", "wns/raw"); request.Headers.Add("ServiceBusNotification-Format", "windows"); return request;
Box 2: application/octet-stream
Example code capable of sending a raw notification: string resourceUri =
$"https://{NH_NAMESPACE}.servicebus.windows.net/{HUB_NAME}/messages/"; using (var request = CreateHttpRequest(HttpMethod.Post, resourceUri))
{
request.Content = new StringContent(content, Encoding.UTF8,"application/octet-stream"); request.Content.Headers.ContentType.CharSet = string.Empty;
var httpClient = new HttpClient();
var response = await httpClient.SendAsync(request); Console.WriteLine(response.StatusCode);
}

NEW QUESTION 111
- (Topic 8)
You are developing several Azure API Management (APIM) hosted APIs.
You must transform the APIs to hide private backend information and obscure the technology stack used to implement the backend processing.
You need to protect all APIs. What should you do?

A. Configure and apply a new inbound policy scoped to a product.
B. Configure and apply a new outbound policy scoped to the operation.
C. Configure and apply a new outbound policy scoped to global.
D. Configure and apply a new backend policy scoped to global.

Answer: A

NEW QUESTION 114
HOTSPOT - (Topic 8)
A company is developing a gaming platform. Users can join teams to play online and see leaderboards that include player statistics. The solution includes an entity named Team.
You plan to implement an Azure Redis Cache instance to improve the efficiency of data operations for entities that rarely change.
You need to invalidate the cache when team data is changed.
How should you complete the code? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

```
void ClearCachedTeams()
{
```

▼
IDatabase cache = Connection.GetDatabase();
ICache cache = Connection.GetDatabase();

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

```
    viewBag.nsg += Team data removed from cache. ";
}
```

A. Mastered
B. Not Mastered

Answer: A

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 119
DRAG DROP - (Topic 8)
You have an Azure Cosmos DB for NoSQL account.
You plan to develop two apps named App1 and App2 that will use the change feed functionality to track changes to containers.
App1 will use the pull model and App2 will use the push model.
You need to choose the method to track the most recently processed change in App1 and App2.
Which component should you use? To answer, drag the appropriate components to the correct apps. 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 content.
NOTE: Each correct selection is worth one point.
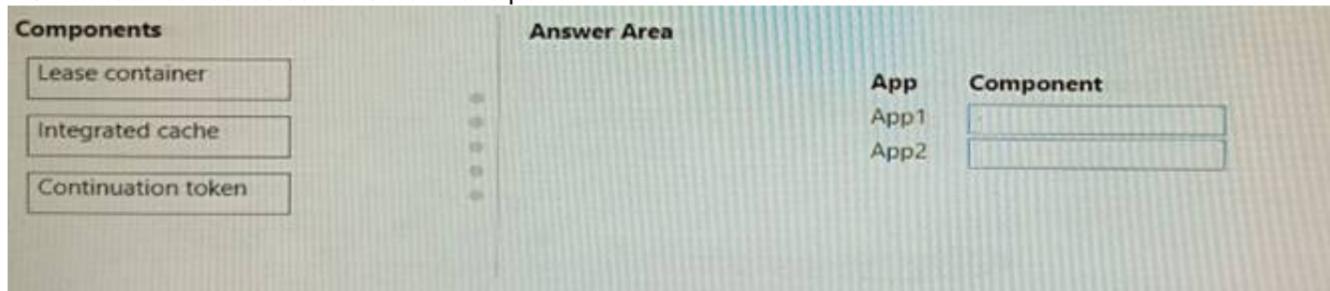
A. Mastered
B. Not Mastered

Answer: A

Explanation:
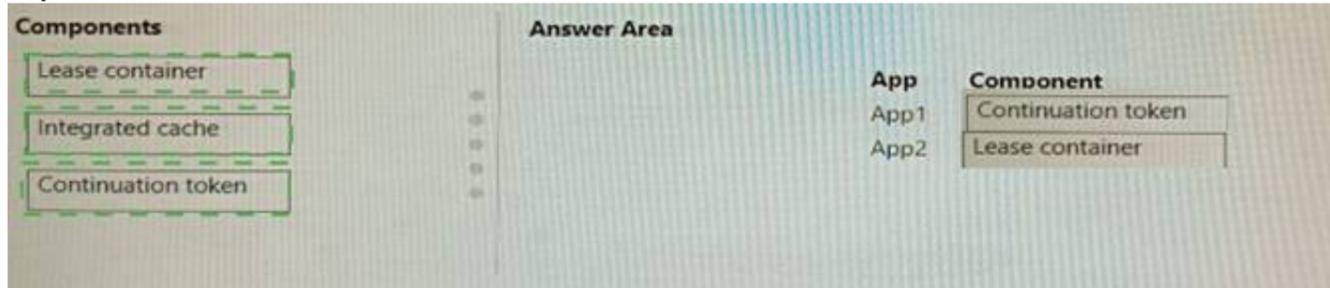
NEW QUESTION 124
- (Topic 8)
You deploy an API to API Management
You must secure all operations on the API by using a client certificate.
You need to secure access to the backend service of the API by using client certificates. Which two security features can you use?

A. Azure AD token
B. Self-signed certificate
C. Certificate Authority (CA) certificate
D. Triple DES (3DES) cipher
E. Subscription key

**Answer:** BC

NEW QUESTION 125
HOTSPOT - (Topic 8)
All functions in the app meet the following requirements:
• Run until either a successful run or until 10 run attempts occur.
• Ensure that there are at least 20 seconds between attempts for up to 15 minutes. You need to configure the hostjson file.
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.
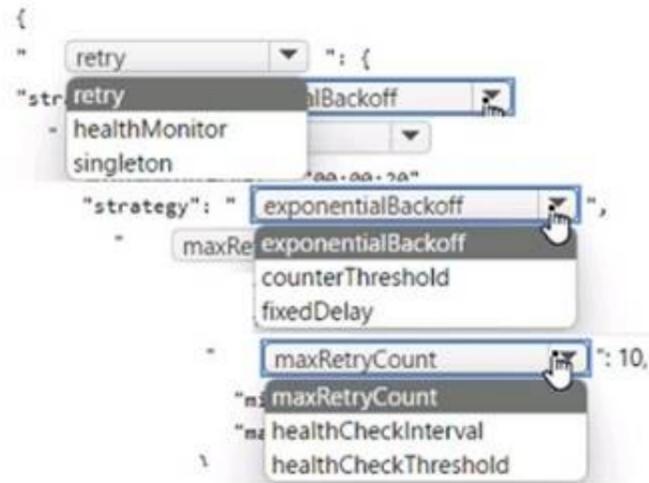
Answer Area

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area
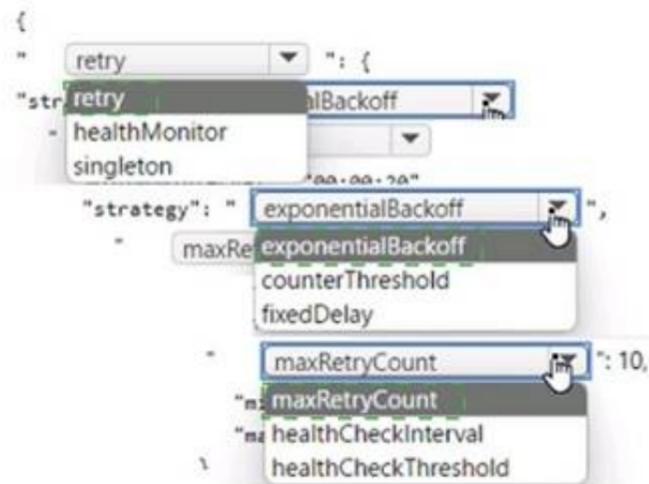
NEW QUESTION 128
HOTSPOT - (Topic 8)
You are developing an application that uses a premium block blob storage account. You are optimizing costs by automating Azure Blob Storage access tiers.
You apply the following policy rules to the storage account. You must determine the implications of applying the rules to the data. (Line numbers are included for reference only.)

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

Answer Area

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

A. Mastered
B. Not Mastered

Answer: A

Explanation:
* 1. Yes
* 2. Yes
* 3. Yes
* 4. No
https://docs.microsoft.com/en-us/azure/storage/blobs/lifecycle-management-overview?tabs=azure-portal#move-aging-data-to-a-cooler-tier

NEW QUESTION 131
HOTSPOT - (Topic 8)
You are configuring a development environment for your team. You deploy the latest Visual Studio image from the Azure Marketplace to your Azure subscription. The development environment requires several software development kits (SDKs) and third-party components to support application development across the organization. You install and customize the deployed virtual machine (VM) for your development team. The customized VM must be saved to allow provisioning of a new team member development environment.
You need to save the customized VM for future provisioning.
Which tools or services should you use? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

Answer Area

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

A. Mastered
B. Not Mastered

Answer: A

Explanation:
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-vm-using-powershell

NEW QUESTION 134
HOTSPOT - (Topic 8)
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.

```
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
```

A. Mastered
B. Not Mastered

Answer: A

Explanation:

```
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
```

NEW QUESTION 138
- (Topic 8)
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.
After you answer a question in this section, you will NOT be able to return to 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 Windows VM that is triggered from Azure Service Bus Queue.
Does the solution meet the goal?

A. Yes
B. No

Answer: B

Explanation:
Don't use a VM, instead create an Azure Function App that uses an Azure Service Bus Queue trigger.
Reference:
https://docs.microsoft.com/en-us/azure/azure-functions/functions-create-storage-queue- triggered-function

NEW QUESTION 141
- (Topic 8)
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 name
B. Application secret
C. Application ID
D. Supported account type
E. Redirect URI/URL

Answer: ABC

NEW QUESTION 145
- (Topic 8)
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 Python, implement the class: TaskAddParameter
B. In Python, implement the class: JobAddParameter
C. In the Azure portal, create a Batch account
D. In a .NET method, call the method: BatchClient.PoolOperations.CreateJob

Answer: D

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.
Note:
Step 1: Create a pool of compute nodes. When you create a pool, you specify the number of compute nodes for the pool, their size, and the operating system. When each task in your job runs, it's assigned to execute on one of the nodes in your pool.
Step 2 : Create a job. A job manages a collection of tasks. You associate each job to a specific pool where that job's tasks will run.
Step 3: Add tasks to the job. Each task runs the application or script that you uploaded to process the data files it downloads from your Storage account. As each task completes, it can upload its output to Azure Storage.

NEW QUESTION 146
FILL IN THE BLANK - (Topic 8)
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.

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

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

NEW QUESTION 150
DRAG DROP - (Topic 8)
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.

Actions

- Select **Manifest** from the middle-tier service registration.
- In Enterprise Applications, select **New application.**
- Add a Cryptographic key.
- Create a new application and provide the name, account type, and redirect URL
- Select the Azure AD instance.
- Use an access token to access the secure resource.
- In App Registrations, select **New registration.**

Answer Area

A. Mastered
B. Not Mastered

Answer: A

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.

NEW QUESTION 155
HOTSPOT - (Topic 8)
You are building a traffic monitoring system that monitors traffic along six highways. The system produces time series analysis-based reports for each highway.
Data from traffic sensors are stored in Azure Event Hub.
Traffic data is consumed by four departments. Each department has an Azure Web App that displays the time-series-based reports and contains a WebJob that processes the incoming data from Event Hub. All Web Apps run on App Service Plans with three instances.
Data throughout must be maximized. Latency must be minimized. You need to implement the Azure Event Hub.
Which settings should you use? To answer, select the appropriate options in the answer area.
NOTE:Each correct selection is worth one point.

Setting	Value
Number of partitions	▼
	3
	4
	6
	12
Partition Key	▼
	Highway
	Department
	Timestamp
	VM name

A. Mastered

B. Not Mastered

Answer: A

Explanation:
Box 1: 6
The number of partitions is specified at creation and must be between 2 and 32. There are 6 highways.
Box 2: Highway References:
https://docs.microsoft.com/en-us/azure/event-hubs/event-hubs-features

NEW QUESTION 156
- (Topic 8)
You are creating an app that will use CosmosDB for data storage. The app will process batches of relational data.
You need to select an API for the app. Which API should you use?

A. MongoDBAPI
B. Table API
C. SQL API
D. Cassandra API

Answer: C

Explanation:
For relational data you will need the SQL API
Reference:
https://docs.microsoft.com/en-us/azure/cosmos-db/choose-api

NEW QUESTION 159
- (Topic 8)
You are developing an Azure Function App that runs in an App Service Plan. The Azure Function is triggered by a Timer object. You observe that the Azure Function does not reliably trigger when scheduled. Which two actions should you perform?

A. Verify that Always On is enabled.
B. Modify the trigger to use a SignalR trigger.
C. Ensure that the function has a retry configured.
D. Modify the trigger to use Consumption mode instead of the App Service plan.

Answer: AC

NEW QUESTION 160
DRAG DROP - (Topic 8)
You are developing a serverless Java application on Azure. You create a new Azure Key Vault to work with secrets from a new Azure Functions application.
The application must meet the following requirements:
? Reference the Azure Key Vault without requiring any changes to the Java code.
? Dynamically add and remove instances of the Azure Functions host based on the number of incoming application events.
? Ensure that instances are perpetually warm to avoid any cold starts.
? Connect to a VNet.
? Authentication to the Azure Key Vault instance must be removed if the Azure Function application is deleted.
You need to grant the Azure Functions application access to the Azure Key Vault.
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 user-assigned managed identity for the application.	
Create the Azure Functions app with a Premium plan type.	
Create an access policy in Azure Key Vault for the application identity.	
Create an SSL certification in Azure Key Vault for the application identity.	
Create the Azure Functions app with an App Service plan type.	
Create the Azure Functions app with a Consumption plan type.	
Create a system-assigned managed identity for the application.	

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Step 1: Create the Azure Functions app with a Consumption plan type. Use the Consumption plan for serverless.
Step 2: Create a system-assigned managed identity for the application. Create a system-assigned managed identity for your application.
Key Vault references currently only support system-assigned managed identities. User- assigned identities cannot be used.
Step 3: Create an access policy in Key Vault for the application identity.
Create an access policy in Key Vault for the application identity you created earlier. Enable the "Get" secret permission on this policy. Do not configure the "authorized application" or
applicationId settings, as this is not compatible with a managed identity.

NEW QUESTION 165
- (Topic 8)
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution. 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 an Azure Database for PostgreSQL. Update the web applications.
Does the solution meet the goal?

A. Yes
B. No

Answer: B

Explanation:
Instead deploy and configure Azure Cache for Redis. Update the web applications. Reference:
https://docs.microsoft.com/en-us/azure/architecture/best-practices/caching#managing-concurrency-in-a-cache

NEW QUESTION 166
HOTSPOT - (Topic 8)
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.	○	○

A. Mastered
B. Not Mastered

Answer: A

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.

NEW QUESTION 170
HOTSPOT - (Topic 8)

You need to implement the Azure Function for delivery driver profile information.
Which configurations should you use? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

Answer Area

Configuration	Value
Code library	▼ Microsoft Authentication Library (MSAL) Microsoft Azure Key Vault SDK Azure Identity library
API	▼ Microsoft Graph Azure Active Directory Graph Azure Key Vault

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Code Library: MSAL API: Microsoft Graph
https://docs.microsoft.com/en-us/azure/active-directory/develop/msal-overview

NEW QUESTION 172
HOTSPOT - (Topic 8)
A company is developing a Java web app. The web app code is hosted in a GitHub repository located at https://github.com/Contoso/webapp.
The web app must be evaluated before it is moved to production. You must deploy the initial code release to a deployment slot named staging.
You need to create the web app and deploy the code.
How should you complete the commands? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

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

az [▼ group / webapp / appservice plan / webapp deployment slot / webapp deployment source] create --location centralus - -name $resourcegroupname

create --name $webappname - -resource-group $resourcegroupname - -sku S3

az [▼ group / webapp / appservice plan / webapp deployment slot / webapp deployment source] create --name $webappname - -resource-group $resourcegroupname \ - -plan $webappname

create --name $webappname - -resource-group $resourcegroupname \ - -slot staging

az [▼ group / webapp / appservice plan / webapp deployment slot / webapp deployment source]

config - -name $webappname - -resource-group $resourcegroupname \ - -slot staging - -repo-url $gitrepo - -branch master - -manual-integration

az [▼ group / webapp / appservice plan / webapp deployment slot / webapp deployment source]

az [▼ group / webapp / appservice plan / webapp deployment slot / webapp deployment source]

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: group
Create a resource group.

az group create --location westeurope --name myResourceGroup
Box 2: appservice plan
Create an App Service plan in STANDARD tier (minimum required by deployment slots). az appservice plan create --name $webappname --resource-group myResourceGroup -- sku S1
Box 3: webapp
Create a web app.
az webapp create --name $webappname --resource-group myResourceGroup \
--plan $webappname
Box 4: webapp deployment slot
#Create a deployment slot with the name "staging".
az webapp deployment slot create --name $webappname --resource-group myResourceGroup \
--slot staging
Box 5: webapp deployment source
Deploy sample code to "staging" slot from GitHub.
az webapp deployment source config --name $webappname --resource-group myResourceGroup \
--slot staging --repo-url $gitrepo --branch master --manual-integration
References:
https://docs.microsoft.com/en-us/azure/app-service/scripts/cli-deploy-staging-environment

NEW QUESTION 173
DRAG DROP - (Topic 8)
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.

A. Mastered
B. Not Mastered

Answer: A

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>

NEW QUESTION 175
- (Topic 8)
You are building a B2B web application that uses Azure B2B collaboration for authentication Paying customers authenticate to Azure B2B using federation
The application allows users to sign up for trial accounts using any email address
When a user converts to a paying customer, the data associated with the teal should be kept, but the user must authenticate using federation
You need to update the user in Azure Active Directory (Azure AD) when they convert to a paying customer
Which Graph API parameter is used to change authentication from one-time passé odes to federation?

A. uscrFlowType
B. Status
C. invittdUstr
D. resetRedemption

Answer: B

NEW QUESTION 177
HOTSPOT - (Topic 8)
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 Area

```
az provider register -n Microsoft.KeyVault
resourcegroup="myResourceGroup"
az group create --name $resourcegroup --location westus
keyvault_name=myvaultname$RANDOM
az [            ▼] create \
   [vm              ]  lt_name \
   [keyvault        ]  up $resourcegroup \
   [keyvault key    ]  tus \
   [vm encryption   ] --enabled-for-disk-encryption True
az [            ▼] create \
   [vm              ]  keyvault_name \
   [keyvault        ]
   [keyvault key    ]  Pftware
   [vm encryption   ]
az [            ▼] create \
   [vm              ]  up $resourcegroup \
   [keyvault        ]
   [keyvault key    ]  cal:UbuntuServer:16.04-LTS:latest \
   [vm encryption   ]
az [            ▼] enable \
   [vm              ]  up $resourcegroup \
   [keyvault        ]
   [keyvault key    ]  ion-keyvault $keyvault_name \
   [vm encryption   ]  on-key Name1 \
   --volume-type [      ▼]
                 [all   ]
                 [data  ]
                 [os    ]
```

A. Mastered
B. Not Mastered

Answer: A

Explanation:
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

NEW QUESTION 180
DRAG DROP - (Topic 8)
You are developing a Docker/Go using Azure App Service Web App for Containers. You plan to run the container in an App Service on Linux. You identify a Docker container image to use.
None of your current resource groups reside in a location that supports Linux. You must minimize the number of resource groups required.
You need to create the application and perform an initial deployment.
Which three Azure CLI commands should you use to develop the solution? To answer, move the appropriate commands from the list of commands to the answer area and arrange them in the correct order.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
You can host native Linux applications in the cloud by using Azure Web Apps. To create a Web App for Containers, you must run Azure CLI commands that create a group, then a service plan, and finally the web app itself.
Step 1: az group create
In the Cloud Shell, create a resource group with the az group create command.
Step 2: az appservice plan create
In the Cloud Shell, create an App Service plan in the resource group with the az appservice plan create command.
Step 3: az webapp create
In the Cloud Shell, create a web app in the myAppServicePlan App Service plan with the az webapp create command. Don't forget to replace with a unique app name, and <docker- ID> with your Docker ID.
References:
https://docs.microsoft.com/mt-mt/azure/app-service/containers/quickstart-docker-go?view=sql-server-ver15

NEW QUESTION 181
- (Topic 8)
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others
might not have a correct solution.
After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.
You are developing a website that will run as an Azure Web App. Users will authenticate by using their Azure Active Directory (Azure AD) credentials.
You plan to assign users one of the following permission levels for the website: admin, normal, and reader. A user's Azure AD group membership must be used to determine the permission level.
You need to configure authorization. Solution:
? Create a new Azure AD application. In the application's manifest, define application roles that match the required permission levels for the application.
? Assign the appropriate Azure AD group to each role. In the website, use the value
of the roles claim from the JWT for the user to determine permissions. Does the solution meet the goal?

A. Yes
B. No

Answer: B

Explanation:
To configure Manifest to include Group Claims in Auth Token

? Go to Azure Active Directory to configure the Manifest. Click on Azure Active Directory, and go to App registrations to find your application:
? Click on your application (or search for it if you have a lot of apps) and edit the Manifest by clicking on it.
? Locate the "groupMembershipClaims" setting. Set its value to either "SecurityGroup" or "All". To help you decide which:
? "SecurityGroup" - groups claim will contain the identifiers of all security groups of which the user is a member.
? "All" - groups claim will contain the identifiers of all security groups and all distribution lists of which the user is a member
Now your application will include group claims in your manifest and you can use this fact in your code.
Reference:
https://blogs.msdn.microsoft.com/waws/2017/03/13/azure-app-service-authentication-aad- groups/

NEW QUESTION 182
DRAG DROP - (Topic 8)
A company has multiple warehouse. Each warehouse contains IoT temperature devices which deliver temperature data to an Azure Service Bus queue.
You need to send email alerts to facility supervisors immediately if the temperature at a warehouse goes above or below specified threshold temperatures.
Which five 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
Add a logic app trigger that fires when one or more messages arrive in the queue.	
Add a Recurrence trigger that schedules the app to run every 15 minutes.	
Add an action that sends an email to specified personnel if the temperature is outside of those thresholds.	
Add a trigger that reads IoT temperature data from a Service Bus queue.	
Add a logic app action that fires when one or more messages arrive in the queue.	
Add a condition that compares the temperature against the upper and lower thresholds.	
Create a blank Logic app.	
Add an action that reads IoT temperature data from the Service Bus queue.	

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Step 1: Create a blank Logic app. Create and configure a Logic App.
Step 2: Add a logical app trigger that fires when one or more messages arrive in the queue. Configure the logic app trigger.
Under Triggers, select When one or more messages arrive in a queue (auto-complete). Step 3: Add an action that reads IoT temperature data from the Service Bus queue
Step 4: Add a condition that compares the temperature against the upper and lower thresholds.
Step 5: Add an action that sends an email to specified personnel if the temperature is outside of those thresholds

NEW QUESTION 183
DRAG DROP - (Topic 8)
You are implementing an order processing system. A point of sale application publishes orders to topics in an Azure Service Bus queue. The label property for the topic includes the following data:

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.

Filter types

| SQLFilter |

| CorrelationFilter |

| No Filter |

Answer Area

Subscription	Filter type
FutureOrders	
HighPriorityOrders	
InternationalOrders	
HighQuantityOrders	
AllOrders	

A. Mastered
B. Not Mastered

Answer: A

Explanation:
FutureOrders: SQLFilter HighPriortyOrders: CorrelationFilter
CorrelationID only
InternationalOrders: SQLFilter
Country NOT USA requires an SQL Filter
HighQuantityOrders: SQLFilter
Need to use relational operators so an SQL Filter is needed. AllOrders: No Filter
SQL Filter: SQL Filters - A SqlFilter holds a SQL-like conditional expression that is evaluated in the broker against the arriving messages' user-defined properties and system properties. All system properties must be prefixed with sys. in the conditional expression. The SQL-language subset for filter conditions tests for the existence of properties (EXISTS), as well as for null-values (IS NULL), logical NOT/AND/OR, relational operators, simple numeric arithmetic, and simple text pattern matching with LIKE.
Correlation Filters - A CorrelationFilter holds a set of conditions that are matched against one or more of an arriving message's user and system properties. A common use is to match against the CorrelationId property, but the application can also choose to match against ContentType, Label, MessageId, ReplyTo, ReplyToSessionId, SessionId, To, and any user-defined properties. A match exists when an arriving message's value for a property is equal to the value specified in the correlation filter. For string expressions, the comparison is case-sensitive. When specifying multiple match properties, the filter combines them as a logical AND condition, meaning for the filter to match, all conditions must match.
Boolean filters - The TrueFilter and FalseFilter either cause all arriving messages (true) or none of the arriving messages (false) to be selected for the subscription.
References:
https://docs.microsoft.com/en-us/azure/service-bus-messaging/topic-filters

NEW QUESTION 186
- (Topic 8)
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.
After you answer a question in this section, you will NOT be able to return to 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: A

Explanation:
* 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 bycalling 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);
}
```
References:
https://docs.microsoft.com/en-us/azure/search/search-howto-dotnet-sdk

NEW QUESTION 189
DRAG DROP - (Topic 8)
You develop an application. You plan to host the application on a set of virtual machines (VMs) in Azure.
You need to configure Azure Monitor to collect logs from the application.
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.

Actions	Answer Area
Create a Log Analytics workspace.	
Install agents on the VM and VM scale set to be monitored.	
Send console logs.	
Add a VMInsights solution.	
Create an Application Insights resource.	

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Step 1: Create a Log Analytics workspace. First create the workspace.

Step 2: Add a VMInsights solution.
Before a Log Analytics workspace can be used with VM insights, it must have the VMInsights solution installed.
Step 3: Install agents on the VM and VM scale set to be monitored.
Prior to onboarding agents, you must create and configure a workspace. Install or update the Application Insights Agent as an extension for Azure virtual machines and VM scalet sets.

Step 4: Create an Application Insights resource
Sign in to the Azure portal, and create an Application Insights resource.
Once a workspace-based Application Insights resource has been created, configuring monitoring is relatively straightforward.

NEW QUESTION 194
HOTSPOT - (Topic 8)
A company develops a series of mobile games. All games use a single leaderboard service.
You have the following requirements:
•Code should be scalable and allow for growth.
•Each record must consist of a playedId, gameId, score, and time played.
•When users reach a new high score, the system will save the new score using the SaveScore function below.
•Each game is assigned and Id based on the series title.
You have the following code. (Line numbers are included for reference only.)

```
01 public void SaveScore(string gameId, string playerId, int score, long timePlayed)
02 {
03    CloudStorageAccount storageAccount = CloudStorageAccount.Parse(connectionString);
04    CloudTableClient tableClient = storageAccount.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

```
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 will work with Cosmos DB.	○	○
The save score function will update and replace a record if one already exists with the same playerId and gameId.	○	○
The data for the game will be automatically partitioned.	○	○
This code will store the values for the gameId and playerId parameters in the database.	○	○

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: Yes
Code for CosmosDB, example:
// Parse the connection string and return a reference to the storage account. CloudStorageAccount storageAccount = CloudStorageAccount.Parse(
CloudConfigurationManager.GetSetting("StorageConnectionString"));
// Create the table client.
CloudTableClient tableClient = storageAccount.CreateCloudTableClient();
// Retrieve a reference to the table.
CloudTable table = tableClient.GetTableReference("people");
// Create the TableOperation object that inserts the customer entity. TableOperation insertOperation = TableOperation.Insert(customer1);
Box 2: No
A new record will always be added as TableOperation.Insert is used, instead of TableOperation.InsertOrReplace.

Box 3: No
No partition key is used. Box 4: Yes
References:
https://docs.microsoft.com/en-us/azure/cosmos-db/table-storage-how-to-use-dotnet

NEW QUESTION 196
- (Topic 8)
You develop and deploy an Azure Logic app that calls an Azure Function app. The Azure Function app includes an OpenAPI (Swagger) definition and uses an Azure Blob storage account. All resources are secured by using Azure Active Directory (Azure AD).
The Azure Logic app must securely access the Azure Blob storage account. Azure AD resources must remain if the Azure Logic app is deleted.
You need to secure the Azure Logic app. What should you do?

A. Create an Azure AD custom role and assign role-based access controls.
B. Create an Azure AD custom role and assign the role to the Azure Blob storage account.
C. Create an Azure Key Vault and issue a client certificate.
D. Create a user-assigned managed identity and assign role-based access controls.
E. Create a system-assigned managed identity and issue a client certificate.

Answer: D

Explanation:
To give a managed identity access to an Azure resource, you need to add a role to the target resource for that identity.
Note: To easily authenticate access to other resources that are protected by Azure Active Directory (Azure AD) without having to sign in and provide credentials or secrets, your logic app can use a managed identity (formerly known as Managed Service Identity or MSI). Azure manages this identity for you and helps secure your credentials because you don't have to provide or rotate secrets.
If you set up your logic app to use the system-assigned identity or a manually created, user-assigned identity, the function in your logic app can also use that same identity for authentication.
Reference:
https://docs.microsoft.com/en-us/azure/logic-apps/create-managed-service-identity
https://docs.microsoft.com/en-us/azure/api-management/api-management-howto-mutual-certificates-for-clients

NEW QUESTION 197
DRAG DROP - (Topic 8)
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.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: ApplicationInsightsLoggerOptions
If you want to include the EventId and EventName properties, then add the following to the ConfigureServices method:
services AddOptions<ApplicationInsightsLoggerOptions>() Configure(o => o.IncludeEventId = true);
Box 2: IncludeEventID
Box 3: ApplicationServices
In Asp.Net core apps it turns out that trace logs do not show up in Application Insights out of the box. We need to add the following code snippet to our Configure method in Startup.cs:
loggerFactory.AddApplicationInsights(app.ApplicationServices, logLevel); References:
https://blog.computedcloud.com/enabling-application-insights-trace-logging-in-asp-net-core/

NEW QUESTION 199
HOTSPOT - (Topic 8)
You are implementing a software as a service (SaaS) ASP.NET Core web service that will run as an Azure Web App. The web service will use an on-premises SQL Server database for storage. The web service also includes a WebJob that processes data updates. Four customers will use the web service.
? Each instance of the WebJob processes data for a single customer and must run as a singleton instance.
? Each deployment must be tested by using deployment slots prior to serving
production data.
? Azure costs must be minimized.
? Azure resources must be located in an isolated network.

You need to configure the App Service plan for the Web App.
How should you configure the App Service plan? To answer, select the appropriate settings in the answer area.
NOTE:Each correct selection is worth one point.

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

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Number of VM instances: 4
You are not charged extra for deployment slots.
Pricing tier: Isolated
The App Service Environment (ASE) is a powerful feature offering of the Azure App Service that gives network isolation and improved scale capabilities. It is essentially a deployment of the Azure App Service into a subnet of a customer's Azure Virtual Network (VNet).
References:
https://azure.microsoft.com/sv-se/blog/announcing-app-service-isolated-more-power-scale-and-ease-of-use/

NEW QUESTION 203
- (Topic 8)
You are building a web application that performs image analysis on user photos and returns metadata containing objects identified. The image analysis is very costly in terms of time and compute resources. You are planning to use Azure Redo Cache so Cache uploads do not need to be reprocessed.
In case of an Azure data center outage metadata loss must be kept to a minimum. You need to configure the Azure Redis cache instance.
Which two actions should you perform? Each correct answer presents part of the solution. NOTE: Each correct selection in worth one point.

A. Configure Azure Redis with persistence
B. Configure second storage account for persistence
C. Set backup frequency to the minimum value
D. Configure Azure Redis with RDS persistence

Answer: AC

NEW QUESTION 204
- (Topic 8)
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.
After you answer a question in this section, you will NOT be able to return to 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 namedTestingand Production. You enable auto swap on the Production deployment slot.
You need to ensure that scripts run and resources are available before a swap operation occurs.
Solution: Enable auto swap for the Testing slot. Deploy the app to the Testing slot. Does the solution meet the goal?

A. Yes
B. No

Answer: B

Explanation:
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 205
DRAG DROP - (Topic 8)
You plan to create a Docker image that runs as ASP.NET Core application named ContosoApp. You have a setup script named setupScript.ps1 and a series of application files including ContosoApp.dll.
You need to create a Dockerfile document that meets the following requirements:
•Call setupScript.ps1 when the container is built.
•Run ContosoApp.dll when the container starts.
The Docker document must be created in the same folder where ContosoApp.dll and setupScript.ps1 are stored.
Which four commands should you use to develop the solution? To answer, move the appropriate commands from the list of commands to the answer area and arrange them in the correct order.

Commands

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

| EXPOSE ./ContosoApp/ /apps/ContosoApp |

| COPY ./ . |

| FROM microsoft/aspnetcore:2.0 |

| WORKDIR /apps/ContosoApp |

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

Answer Area

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Step 1: WORKDIR /apps/ContosoApp
Step 2: COPY ./-
The Docker document must be created in the same folder where ContosoApp.dll and setupScript.ps1 are stored.
Step 3: EXPOSE ./ContosApp/ /app/ContosoApp Step 4: CMD powershell ./setupScript.ps1
ENTRYPOINT ["dotnet", "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.
References:
https://docs.microsoft.com/en-us/azure/app-service/containers/tutorial-custom-docker- image

NEW QUESTION 206
HOTSPOT - (Topic 8)
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; }
```

A. Mastered
B. Not Mastered

Answer: A

Explanation:
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 208
DRAG DROP - (Topic 8)
You are maintaining an existing application that uses an Azure Blob GPv1 Premium storage account. Data older than three months is rarely used.
Data newer than three months must be available immediately. Data older than a year must be saved but does not need to be available immediately.
You need to configure the account to support a lifecycle management rule that moves blob data to archive storage for data not modified in the last year.
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.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Step 1: Upgrade the storage account to GPv2
Object storage data tiering between hot, cool, and archive is supported in Blob Storage and General Purpose v2 (GPv2) accounts. General Purpose v1 (GPv1) accounts don't support tiering.
You can easily convert your existing GPv1 or Blob Storage accounts to GPv2 accounts through the Azure portal.
Step 2: Copy the data to be archived to a Standard GPv2 storage account and then delete the data from the original storage account
Step 3: Change the storage account access tier from hot to cool Note: Hot - Optimized for storing data that is accessed frequently.
Cool - Optimized for storing data that is infrequently accessed and stored for at least 30
days.
Archive - Optimized for storing data that is rarely accessed and stored for at least 180 days with flexible latency requirements, on the order of hours.
Only the hot and cool access tiers can be set at the account level. The archive access tier can only be set at the blob level.

NEW QUESTION 212
- (Topic 8)
You ate 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 secret
B. Redirect URI/URL
C. Application name
D. Supported account type
E. Application ID

Answer: ABE

NEW QUESTION 214
HOTSPOT - (Topic 8)
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 Area

A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 215
HOTSPOT - (Topic 8)
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.

A. Mastered
B. Not Mastered

Answer: A

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 218
HOTSPOT - (Topic 8)
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.	○	○

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: No
The AzScheduledQueryRuleSource is Heartbeat, not CPU.
Box 2: Yes
The AzScheduledQueryRuleSource is Heartbeat!
Note: New-AzScheduledQueryRuleTriggerCondition creates an object of type Trigger Condition. This object is to be passed to the command that creates Alerting
Action object.
Box 3: No
The schedule is 60 minutes, not two hours.
-FrequencyInMinutes: The alert frequency.
-TimeWindowInMinutes: The alert time window
The New-AzAscheduledQueryRuleSchedule command creates an object of type Schedule. This object is to be passed to the command that creates Log Alert
Rule.

NEW QUESTION 220
- (Topic 8)
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. az servicebus namespace create
       - -resource-group fridge-rg
       - -name fridge-ns
       - -location fridge-loc

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

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

D. az group create
       --name fridge-rg
       --location fridge-log
```

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

Answer: B

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 223
- (Topic 8)
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 an App Service that uses the Shared service tie
B. Configure the App Service plan to automatically scale when the CPU load is high.
C. Deploy the website to a virtual machin
D. Configure the virtual machine to automatically scale when the CPU load is high.
E. Deploy the website to an App Service that uses the Standard service tie
F. Configure the App Service plan to automatically scale when the CPU load is high.
G. Deploy the website to a virtual machin
H. Configure a Scale Set to increase the virtual machine instance count when the CPU load

Answer: C

Explanation:
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.

NEW QUESTION 226
- (Topic 8)
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.
After you answer a question in this section, you will NOT be able to return to 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 an X.509 certificate to authenticate the VM with Azure Resource Manager. Does the solution meet the goal?

A. Yes
B. No

Answer: B

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-access-arm

NEW QUESTION 227
DRAG DROP - (Topic 8)
You are Implementing an Azure solution that uses Azure Cosmos DB and the latest Azure Cosmos DB SDK. You add a change feed processor to a new container instance.
You attempt to lead a batch of 100 documents. The process falls when reading one of the documents. The solution must monitor the progress of the change feed processor instance on the new container as the change feed is read. You must prevent the change feed processor from retrying the entire batch when one document cannot be read.
You need to implement the change feed processor to read the documents.
Which features should you use? To answer, drag the appropriate features to the correct requirements. Each feature may be used once, More than once, or not at all. You may need to drag The split bat between panes or scroll to view content
Each correct selection is worth one point

A. Mastered
B. Not Mastered

Answer: A

Explanation:
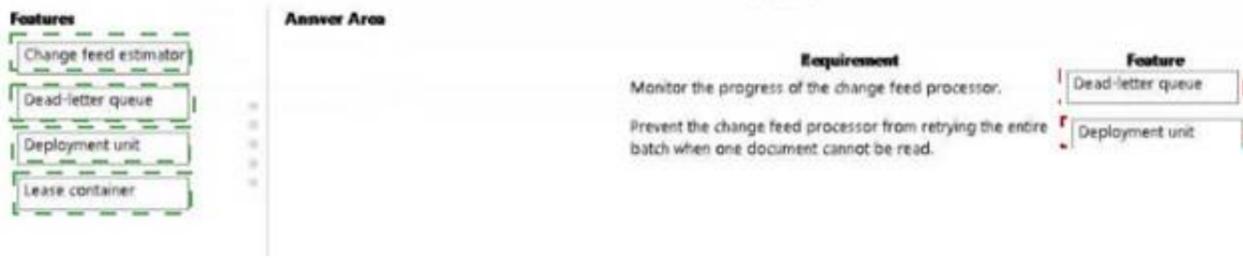
NEW QUESTION 232
HOTSPOT - (Topic 8)
You are developing a web application that uses the Microsoft identify platform for user and resource authentication. The web application calls several REST APIs.
You are implementing various authentication and authorization flows for the web application.
You need to validate the claims in the authentication token.
Which token type should use? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 236
HOTSPOT - (Topic 8)
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 Area

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

NEW QUESTION 241
DRAG DROP - (Topic 8)
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.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
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());

NEW QUESTION 242
- (Topic 8)
You are developing an Azure App Service REST API.

The API must be called by an Azure App Service web app. The API must retrieve and update user profile information stored in Azure Active Directory (Azure AD). You need to configure the API to make the updates.
Which two tools should you use? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

A. Microsoft Graph API
B. Microsoft Authentication Library (MSAL)
C. Azure API Management
D. Microsoft Azure Security Center
E. Microsoft Azure Key Vault SDK

Answer: AC

Explanation:
A: You can use the Azure AD REST APIs in Microsoft Graph to create unique workflows between Azure AD resources and third-party services.
Enterprise developers use Microsoft Graph to integrate Azure AD identity management and other services to automate administrative workflows, such as employee onboarding (and termination), profile maintenance, license deployment, and more.
C: API Management (APIM) is a way to create consistent and modern API gateways for existing back-end services.
API Management helps organizations publish APIs to external, partner, and internal developers to unlock the potential of their data and services.
Reference:
https://docs.microsoft.com/en-us/graph/azuread-identity-access-management-concept- overview

NEW QUESTION 246
HOTSPOT - (Topic 8)
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.

A. Mastered
B. Not Mastered

Answer: A

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 248
- (Topic 8)
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.
After you answer a question in this question, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.
You are developing a solution that will be deployed to an Azure Kubernetes Service (AKS) cluster. The solution will include a custom VNet, Azure Container Registry images, and an Azure Storage account.
The solution must allow dynamic creation and management of all Azure resources within the AKS cluster.
You need to configure an AKS cluster for use with the Azure APIs.
Solution: Create an AKS cluster that supports network policy. Create and apply a network to allow traffic only from within a defined namespace.
Does the solution meet the goal?

A. Yes
B. No

Answer: A

Explanation:
When you run modern, microservices-based applications in Kubernetes, you often want to control which components can communicate with each other. The principle of least privilege should be applied to how traffic can flow between pods in an Azure Kubernetes Service (AKS) cluster. Let's say youlikely want to block traffic directly to back-end applications. The Network Policy feature in Kubernetes lets you define rules for ingress and egress traffic between pods in a cluster.
References:
https://docs.microsoft.com/en-us/azure/aks/use-network-policies

NEW QUESTION 251
- (Topic 8)
You develop a solution that uses Azure Virtual Machines (VMs).
The VMs contain code that must access resources in an Azure resource group. You grant the VM access to the resource group in Resource Manager.
You need to obtain an access token that uses the VMs system-assigned managed identity. Which two actions should you perform? Each correct answer presents part of the solution.

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

Answer: BC

NEW QUESTION 253
- (Topic 8)
You develop and deploy an ASP.NET Core application that connects o an Azure Database for MySQL instance.
Connections to the database appear to drop intermittently and the application code does not handle the connection failure.
You need to handle the transient connection errors in code by implementing retries. What are three possible ways to achieve this goal? Each correct answer presents part of
the solution.
NOTE: Each correct selection is worth one point.

A. Increase connection repeat attempts exponentially up to 120 seconds.
B. Close the database connection and immediately report an error.
C. Wait five seconds before repeating the connection attempt to the database.
D. Disable connection pooling and configure a second Azure Database for MySQL instance.
E. Set a maximum number of connection attempts to 10 and report an error on subsequent connections.

Answer: BCE

NEW QUESTION 258
HOTSPOT - (Topic 8)
You are developing a solution that uses several Azure Service Bus queues. You create an Azure Event Grid subscription for the Azure Service Bus namespace. You use Azure Functions as subscribers to process the messages.
You need to emit events to Azure Event Grid from the queues. You must use principal of least privilege and minimize costs.
Which Azure Service Bus values should you use? TO answer, select the appropriate options in the answer area
Each correct selection is worth ore point

Configuration	Value
Tier	▼ Basic / Standard / Premium
Access control (IAM) level	▼ Contributor / Data Receiver / Data Sender / Data Owner

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Configuration	Value
Tier	▼ Basic / Standard / Premium
Access control (IAM) level	▼ Contributor / Data Receiver / Data Sender / Data Owner

NEW QUESTION 262
- (Topic 8)
You are preparing to deploy an ASP.NET Core website to an Azure Web App from a GitHub repository. The website includes static content generated by a script.
You plan to use the Azure Web App continuous deployment feature.
You need to run the static generation script before the website starts serving traffic. What are two possible ways to achieve this goal? Each correct answer presents a
complete solution.
NOTE: Each correct selection is worth one point.

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

Answer: AD

Explanation:
A: To customize your deployment, include a .deployment file in the repository root.
You just need to add a file to the root of your repository with the name .deployment and the content:
[config]
command = YOUR COMMAND TO RUN FOR DEPLOYMENT
this command can be just running a script (batch file) that has all that is required for your deployment, like copying files from the repository to the web root directory
for example.
D: In Azure, you can run your functions directly from a deployment package file in your function app. The other option is to deploy your files in the
d:\home\site\wwwroot directory of your function app (see A above).
To enable your function app to run from a package, you just add a WEBSITE_RUN_FROM_PACKAGE setting to your function app settings.
Note: The host.json metadata file contains global configuration options that affect all functions for a function app.
References:
https://github.com/projectkudu/kudu/wiki/Custom-Deployment-Script
https://docs.microsoft.com/bs-latn-ba/azure/azure-functions/run-functions-from- deployment-package

NEW QUESTION 266
HOTSPOT - (Topic 8)
An organization deploys a Mob storage account. Users take multiple snapshots of the blob storage account over time.

You need to delete all snapshots or the blob storage account. You must not delete the blob storage account itself.
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

```
delete_blob ( [ _____ ▼ ] - [ _____ ▼ ] )
              delete_container        False
              delete_snapshots        Include
              snapshot_blob           Only
              snapshots_present
```

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

```
delete_blob ( [ _____ ▼ ] - [ _____ ▼ ] )
              delete_container        False
              delete_snapshots        Include
              snapshot_blob           Only
              snapshots_present
```
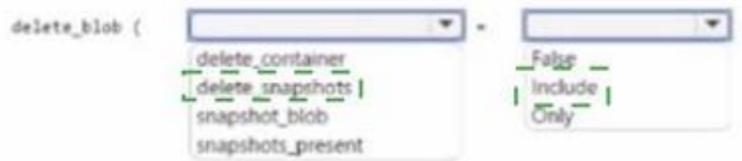
NEW QUESTION 269
HOTSPOT - (Topic 8)
You develop a web app that interacts with Azure Active Directory (Azure AD) groups by using Microsoft Graph.
You build a web page that shows all Azure AD groups that are not of the type 'Unified'. You need to build the Microsoft Graph query for the page.
How should you complete the query? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

Answer Area

```
https://graph.microsoft.com/v1.0/groups? [ filter ▼ ] = [ groupTypes/any(s:s ne 'Unified') ▼ ]
                                            filter         groupTypes/any(s:s ne 'Unified')
                                            search         not groupTypes/contains('Unified')
                                            contains       not groupTypes/any(s:s eq 'Unified')
                                                           groupTypes/contains('Unified') eq false

&$ [ $count=true ▼ ]
     $top=true
     $count=true
     $filter=nested
     $consistencylevel=eventual
```

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Answer Area

```
https://graph.microsoft.com/v1.0/groups? [ filter ▼ ] = [ groupTypes/any(s:s ne 'Unified') ▼ ]
                                            filter         groupTypes/any(s:s ne 'Unified')
                                            search         not groupTypes/contains('Unified')
                                            contains       not groupTypes/any(s:s eq 'Unified')
                                                           groupTypes/contains('Unified') eq false

&$ [ $count=true ▼ ]
     $top=true
     $count=true
     $filter=nested
     $consistencylevel=eventual
```

NEW QUESTION 271
DRAG DROP - (Topic 8)
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.

Actions

- Use AZCopy to copy the data to the new storage account.
- Deploy the template to create a new storage account in the target region.
- Export a Resource Manager template.
- Create a new template deployment.
- Modify the template by changing the storage account name and region.

Answer Area

A. Mastered
B. Not Mastered

Answer: A

Explanation:
https://docs.microsoft.com/en-us/azure/storage/common/storage-account-move?tabs=azure-portal#modify-the-template

NEW QUESTION 272
- (Topic 8)
You are creating an Azure key vault using PowerShell. Objects deleted from the key vault must be kept for a set period of 90 days.
Which two of the following parameters must be used in conjunction to meet the requirement? (Choose two.)

A. EnabledForDeployment
B. EnablePurgeProtection
C. EnabledForTemplateDeployment
D. EnableSoftDelete

Answer: BD

NEW QUESTION 277
HOTSPOT - (Topic 8)
You plan to deploy a web app to App Service on Linux. You create an App Service plan. You create and push a custom Docker image that image that contains the web app to Azure Container Registry.
You need to access the console logs generated from inside the container in real-time. 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.

```
az webapp log [config/download/show/tail] --name ContosoWeb --resource-group ContosoDevRG

[--web-server-logging/--docker-container-logging/--application-logging] filesystem

az [webapp/acr/aks] log [config/download/show/tail] --name ContosoWeb --resource-group ContosoDevRG
```

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: config
To Configure logging for a web app use the command: az webapp log config
Box 2: --docker-container-logging Syntax include:
az webapp log config [--docker-container-logging {filesystem, off}]

Box 3: webapp
To download a web app's log history as a zip file use the command: az webapp log download
Box 4: download References:
https://docs.microsoft.com/en-us/cli/azure/webapp/log

NEW QUESTION 281
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