Exam Questions AZ-204

Developing Solutions for Microsoft Azure

https://www.2passeasy.com/dumps/AZ-204/

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 develop and deploy a web application to Azure App Service. The application accesses data stored in an Azure Storage account. The account contains several containers with several blobs with large amounts of data. You deploy all Azure resources to a single region.
You need to move the Azure Storage account to the new region. You must copy all data to the new region.
What should you do first?

A. Export the Azure Storage account Azure Resource Manager template
B. Initiate a storage account failover
C. Configure object replication for all blobs
D. Use the AzCopy command line tool
E. Create a new Azure Storage account in the current region
F. Create a new subscription in the current region

Answer: A

Explanation:
To move a storage account, create a copy of your storage account in another region. Then, move your data to that account by using AzCopy, or another tool of your choice and finally, delete the resources in the source region.
To get started, export, and then modify a Resource Manager template.
Reference:
https://docs.microsoft.com/en-us/azure/storage/common/storage-account- move?tabs=azure-portal

NEW QUESTION 3
- (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 4
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 5
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 6
- (Topic 8)
An organization deploys Azure Cosmos DB.
You need to ensure that the index is updated as items are created, updated, or deleted. What should you do?

A. Set the value of the EnableScanInQuery option to True.
B. Set the indexing mode to Consistent.
C. Set the indexing mode to Lazy.

D. Set the value of the automatic property of the indexing policy to False.

Answer: B

NEW QUESTION 7
- (Topic 8)
You are developing an ASP.NET Core website that uses Azure FrontDoor. The website is used to build custom weather data sets for researchers. Data sets are downloaded by users as Comma Separated Value (CSV) files. The data is refreshed every 10 hours.
Specific files must be purged from the FrontDoor cache based upon Response Header values.
You need to purge individual assets from the Front Door cache. Which type of cache purge should you use?

A. single path
B. wildcard
C. root domain

Answer: A

Explanation:
These formats are supported in the lists of paths to purge:
? Single path purge: Purge individual assets by specifying the full path of the asset (without the protocol and domain), with the file extension, for example, /pictures/strasbourg.png;
? Wildcard purge: Asterisk (*) may be used as a wildcard. Purge all folders, subfolders, and files under an endpoint with /* in the path or purge all subfolders and files under a specific folder by specifying the folder followed by /*, for example, /pictures/*.
? Root domain purge: Purge the root of the endpoint with "/" in the path.
Reference:
https://docs.microsoft.com/en-us/azure/frontdoor/front-door-caching

NEW QUESTION 8
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.

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 9
- (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 10
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.

Settings		Answer Area		
client_id		**API**	**Permission**	**Type**
profile		Azure Storage	Setting	Setting
delegated		Microsoft Graph	User.Read	Setting
application				
user_impersonation				

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 10
DRAG DROP - (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 Logic App must use Azure Monitor logs to record and store information about runtime data and events. The logs must be stored in the Azure Blob storage account.
You need to set up Azure Monitor logs and collect diagnostics data for the Azure Logic App.
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

Create action groups and alert rules.
Create a Log Analytics workspace.
Install the Logic Apps Management solution.
Add a diagnostic setting to the Azure Function App.
Create an Azure storage account.
Add a diagnostic setting to the Azure Logic App.

Answer Area

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Step 1: Create a Log Analytics workspace
Before you start, you need a Log Analytics workspace.
Step 2: Install the Logic Apps Management solution
To set up logging for your logic app, you can enable Log Analytics when you create your logic app, or you can install the Logic Apps Management solution in your Log Analytics workspace for existing logic apps.
Step 3: Add a diagnostic setting to the Azure Logic App Set up Azure Monitor logs
? In the Azure portal, find and select your logic app.
? On your logic app menu, under Monitoring, select Diagnostic settings > Add diagnostic setting.

NEW QUESTION 13
- (Topic 8)
Your company is designing an application named App1 that will use data from Azure SQL Database. App1 will be accessed over the internet by many users.
You need to recommend a solution for improving the performance ofApp1. What should you include in the recommendation?

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

Answer: D

NEW QUESTION 14
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 19
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.

Answer Area

Reference type	Value
Queue name	%input_queue%
	input_queue
	{input_queue}
	%input_queue%
Blob name	{input_queue}/{id}
	{queueTrigger}
	{input_queue}/{id}
	%input_queue%/{filename}

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

Reference type	Value
Queue name	%input_queue%
	input_queue
	{input_queue}
	%input_queue%
Blob name	{input_queue}/{id}
	{queueTrigger}
	{input_queue}/{id}
	%input_queue%/{filename}

NEW QUESTION 24
- (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 27
- (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 Event Grid. Configure the machine identifier as the partition key and enable capture.
Does the solution meet the goal?

A. Yes
B. No

Answer: A

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

NEW QUESTION 32
HOTSPOT - (Topic 8)
You are debugging an application that is running on Azure Kubernetes cluster named cluster1. The cluster uses Azure Monitor for containers to monitor the cluster.
The application has sticky sessions enabled on the ingress controller.
Some customers report a large number of errors in the application over the last 24 hours. You need to determine on which virtual machines (VMs) the errors are occurring.
How should you complete the Azure Monitor query? To answer, select the appropriate options in the answer area.
NOTE:Each correct selection is worth one point.

```
let startTimestamp =  [ ▼ ]
                        ago(1d)
                        since(1d)
                        totimespan(1d)
                        date(now() - 1d)

let ContainerIDs = KubePodInventory
| where ClusterName == "Cluster1"
|  [ ▼ ]  ;
   top ContainerID
   union ContainerID
   sample ContainerID
   distinct ContainerID

ContainerLog
|  [ ▼ ]
   fork containerIDs
   where ContainerID in (ContainerIDs)
   restrict ContainerID in (ContainerIDs)
   join ContainerID = = ContainerIDs.ContainerID

| where TimeGenerated > startTimestamp
| where LogEntrySource = = "stderr"
|  [ ▼ ]
   project by Computer
   summarize by Computer
   partition count() by Computer
   summarize count() by Computer
```

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: ago(1d)
Box 2: distinct containerID
Box 3: where ContainerID in (ContainerIDs)
Box 4: summarize Count by Computer Summarize: aggregate groups of rows
Use summarize to identify groups of records, according to one or more columns, and apply aggregations to them. The most common use of summarize is count, which returns the number of results in each group.

NEW QUESTION 35
HOTSPOT - (Topic 8)
You are developing a service where customers can report news events from a browser using Azure Web PubSub. The service is implemented as an Azure App that the JSON WebSocket suprotocol to receive news events.
You need to implement the bindings for the Azure Function App.
How should you configure the binding? To answer, select the appropriate options in the answer area.
Note: Each Correct Selection in worth one point.

```
{
    "bindings": [
        {
            "type": "  [  ▼  ]  ",
                        , user
                        system
                        ;
                        message
                        connected
                        ;
                        webPubSubTrigger
                        webPubSubConnection

            "direction": "in",
            "name": "data",
            "eventName": "message",
            "eventType": [           ▼  ]
        }                 user
    ]                     system
}                         message
                          connected
                          webPubSubTrigger
                          webPubSubConnection
```

A. Mastered
B. Not Mastered

Answer: A

Explanation:

```
{
    "bindings": [
        {
            "type": "  [  ▼  ]  ",
                        , user
                        system
                        message
                        ,
                        connected
                        '
                        webPubSubTrigger
                        webPubSubConnection

            "direction": "in",
            "name": "data",
            "eventName": "message",
            "eventType": [           ▼  ]
        }                 user
    ]                     system
}                         message
                          connected
                          webPubSubTrigger
                          webPubSubConnection
```

NEW QUESTION 36
DRAG DROP - (Topic 8)
You are developing a microservices solution. You plan to deploy the solution to a multinode Azure Kubernetes Service (AKS) cluster.
You need to deploy a solution that includes the following features:
? reverse proxy capabilities
? configurable traffic routing
? TLS termination with a custom certificate
Which components should you use? To answer, drag the appropriate components to the correct requirements. Each component may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.
NOTE: Each correct selection is worth one point.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: Helm
To create the ingress controller, use Helm to install nginx-ingress.
Box 2: kubectl
To find the cluster IP address of a Kubernetes pod, use the kubectl get pod command on your local machine, with the option -o wide .
Box 3: Ingress Controller
An ingress controller is a piece of software that provides reverse proxy, configurable traffic routing, and TLS termination for Kubernetes services. Kubernetes ingress resources are used to configure the ingress rules and routes for individual Kubernetes services.

NEW QUESTION 37
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:

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 42
- (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 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's manifest, set value of the groupMembershipClaims option to All.
•In the website, use the value of the groups claim from the JWI for the user to determine permissions.
Does the solution meet the goal?

A. Yes
B. No

Answer: A

Explanation:
To configure Manifest to include Group Claims in Auth Token
* 1. Go to Azure Active Directory to configure the Manifest. Click on Azure Active Directory, and go to App registrations to find your application:
* 2. Click on your application (or search for it if you have a lot of apps) and edit the Manifest by clicking on it.
* 3. 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.
References:
https://blogs.msdn.microsoft.com/waws/2017/03/13/azure-app-service-authentication-aad- groups/

NEW QUESTION 45
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 46
- (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 a software as a service (SaaS) offering to manage photographs. Users upload photos to a web service which then stores the photos in Azure Storage Blob storage. The storage account type is General-purpose V2.
When photos are uploaded, they must be processed to produce and save a mobile-friendly version of the image. The process to produce a mobile-friendly version of the image must start in less than one minute.
You need to design the process that starts the photo processing.
Solution: Convert the Azure Storage account to a BlockBlobStorage storage account. Does the solution meet the goal?

A. Yes
B. No

Answer: B

Explanation:
Not necessary to convert the account, instead move photo processing to an Azure Function triggered from the blob upload..
Azure Storage events allow applications to react to events. Common Blob storage event scenarios include image or video processing, search indexing, or any file-oriented workflow.
Note: Only storage accounts of kind StorageV2 (general purpose v2) and BlobStorage support event integration. Storage (general purpose v1) does not support integration with Event Grid.
Reference:
https://docs.microsoft.com/en-us/azure/storage/blobs/storage-blob-event-overview

NEW QUESTION 47
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 50
HOTSPOT - (Topic 8)
You are developing an application that runs in several customer Azure Kubernetes Service clusters, within each cluster, a pod runs that collects performance data to be analyzed later, a large amount of data is collected so saving latency must be minimized
The performance data must be stored so that pod restarts do not impact the stored data. Write latency should be minimized.
You need to configure blob storage.
How should you complete the YAML configuration? To answer, select the appropriate options in the answer area.

```
apiVersion: storage.k8s.io/v1
kind:                        ▼
metadata: PodStorage
          StorageClass
          PersistentVolume
          PersistentVolumeClaim

  name: data-store
  provisioner: kubernetes.io,              ▼
                         azure-disk
                         azure-file
                         portworx-volume
                         scaleio

  parameters:
    skuName: Premium_LRS
    reclaimPolicy:                   ▼
                   local
                   retain
                   delete
```

A. Mastered
B. Not Mastered

Answer: A

Explanation:

```
apiVersion: storage.k8s.io/v1
kind:                        ▼
metadata: PodStorage      ┌─ ─ ─
          │ StorageClass  │
          └ PersistentVolume
          PersistentVolumeClaim

  name: data-store
  provisioner: kubernetes.io,              ▼
                         azure-disk
                         azure-file     ─ ─ ─
                         ┌ portworx-volume  │
                         └ scaleio ─ ─ ─ ─ ─

  parameters:
    skuName: Premium_LRS
    reclaimPolicy:                   ▼
                   ┌ local
                   │ retain          │
                   └ delete ─ ─
```

NEW QUESTION 52
- (Topic 8)
You are a developing a SaaS application that stores data as key value pairs.
You must make multiple editions of the application available. In the lowest cost edition, the performance must be best-effort, and there is no regional failover.
In higher cos! editions customers must be able to select guaranteed performance and support for multiple regions. Azure costs must be minimized.
Which Azure Cosmos OB API should you use for the application?

A. Core
B. MongoDB
C. Cassandra
D. Table API

Answer: D

NEW QUESTION 55
- (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 59
- (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 Event Grid. Configure event filtering to evaluate the device identifier.
Does the solution meet the goal?

A. Yes
B. No

Answer: B

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

NEW QUESTION 60
DRAG DROP - (Topic 8)
You develop software solutions for a mobile delivery service. You are developing a mobile app that users can use to order from a restaurant in their area. The app uses the following workflow:
* 1. A driver selects the restaurants for which they will deliver orders.
* 2. Orders are sent to all available drivers in an area.
* 3. Only orders for the selected restaurants will appear for the driver.
* 4. The first driver to accept an order removes it from the list of available orders.
You need to implement an Azure Service Bus solution.
Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: Create a single Service Bus Namespace
To begin using Service Bus messaging entities in Azure, you must first create a namespace with a name that is unique across Azure. A namespace provides a scoping container for addressing Service Bus resources within your application.
Box 2: Create a Service Bus Topic for each restaurant for which a driver can receive messages.
Create topics.
Box 3: Create a Service Bus subscription for each restaurant for which a driver can receive orders.

NEW QUESTION 62
- (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 66
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 70
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.

Components	Answer Area	
Lease container		App	Component
Integrated cache		App1	
Continuation token		App2	

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Components		Answer Area		App	Component
Lease container				App1	Continuation token
Integrated cache				App2	Lease container
Continuation token					
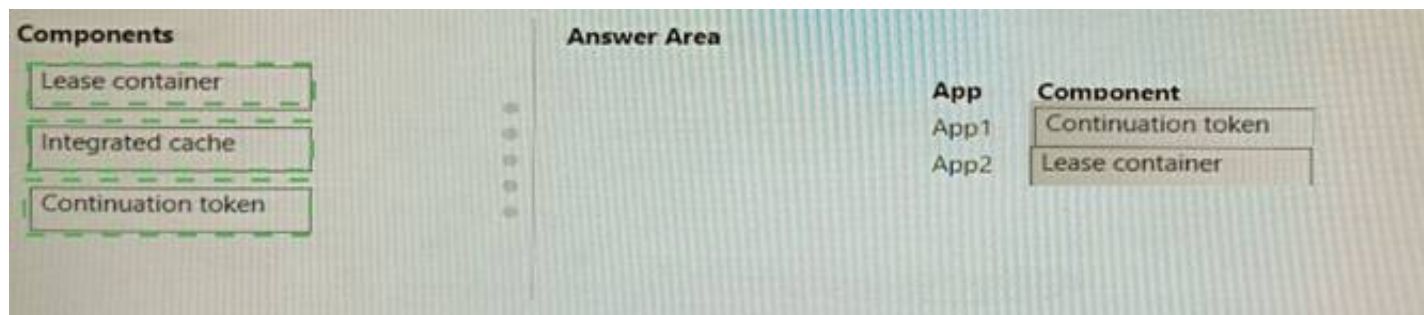
NEW QUESTION 74

- (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 77

- (Topic 8)
You deploy an Azure App Service web app. You create an app registration for the app in Azure Active Directory (Azure AD) and Twitter. the app must authenticate users and must use SSL for all communications. The app must use Twitter as the identity provider. You need to validate the Azure AD request in the app code. What should you validate?

A. HTTP response code
B. ID token header
C. ID token signature
D. Tenant ID

Answer: B

NEW QUESTION 78

HOTSPOT - (Topic 8)
You are developing a solution to store documents in Azure Blob storage. Customers upload documents to multiple containers. Documents consist of PDF, CSV, Microsoft Office format, and plain text files.
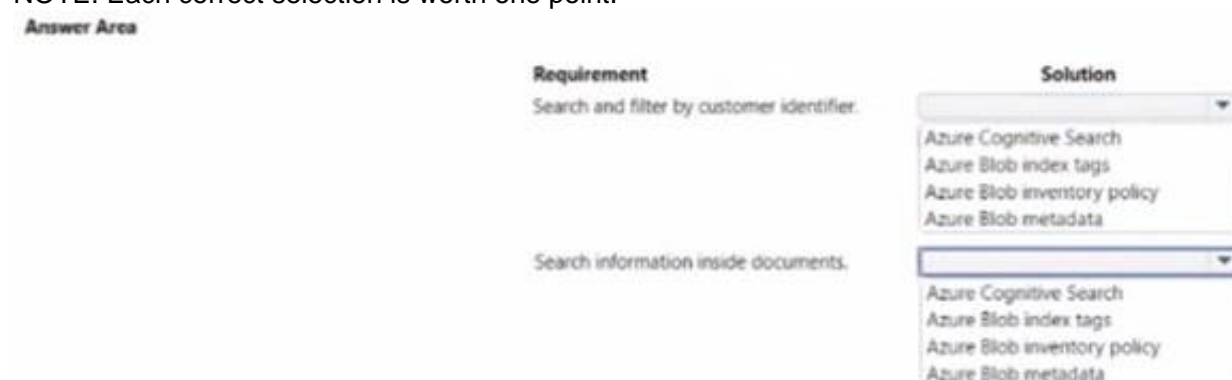The solution must process millions of documents across hundreds of containers. The solution must meet the following requirements:
* Document must the categorized by a customer identifier as they are uploaded to the storage account.
* Allow filtering by the customer identifier.
* Allow searching of information contained within a document.
* Minimize costs.
You created and configure a standard general-purpose v2 storage account to support the solution.
You need to implement the solution.
NOTE: Each correct selection is worth one point.

Answer Area

Requirement	Solution
Search and filter by customer identifier.	Azure Cognitive Search / Azure Blob index tags / Azure Blob inventory policy / Azure Blob metadata
Search information inside documents.	Azure Cognitive Search / Azure Blob index tags / Azure Blob inventory policy / Azure Blob metadata

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Azure Blob Index tags: https://docs.microsoft.com/en-us/azure/storage/blobs/storage-blob- index-how-to?tabs=azure-portal
Azure Cognitive Search: Search inside documents

NEW QUESTION 80

HOTSPOT - (Topic 8)
You develop several Azure Grid to include hundreds of event types, such as billing, inventory, and shipping updates.
Events must be sent to a single endpoint for the Azure Functions app to process. The events must be filtered by event type before processing. You must have authorization and authentication control to partition your tenants to receive the event data.
You need to configure Azure Event Grid.

Which configuration should you use? To answer, select the appropriate values in the answer area.
NOTE: Each correct selection is worth one point.

Answer Area

Requirement	Configuration Value
Third-party system endpoint to send events	system topic ▼ system topic custom topic event domain event subscription
Azure Functions app endpoint to handle filtered events	event domain ▼ system topic custom topic event domain event subscription

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

Requirement	Configuration Value
Third-party system endpoint to send events	system topic ▼ system topic custom topic event domain event subscription
Azure Functions app endpoint to handle filtered events	event domain ▼ system topic custom topic event domain event subscription

NEW QUESTION 81
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

```
{
"  [ retry ▼ ] ": {
"str[ retry          ]alBackoff ▼
    - [ healthMonitor ]
      [ singleton     ]               ▼
                              "00:00:20"
        "strategy": " [ exponentialBackoff ▼ ]",
            " [ maxRe[ exponentialBackoff ]
                      [ counterThreshold  ]
                      [ fixedDelay        ]
            " [ maxRetryCount        🖰 ]": 10,
            "m:[ maxRetryCount      ]
            "ma[ healthCheckInterval ]
            \  [ healthCheckThreshold ]
```

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

```
{
"  [ retry ▼ ] ": {
"str[ retry          ]alBackoff ▼
    - [ healthMonitor ]
      [ singleton     ]               ▼
                              "00:00:20"
        "strategy": " [ exponentialBackoff ▼ ]",
            " [ maxRe[ exponentialBackoff ]
                      [ counterThreshold  ]
                      [ fixedDelay        ]
            " [ maxRetryCount        🖰 ]": 10,
            "n:[ maxRetryCount      ]
            "ma[ healthCheckInterval ]
            \  [ healthCheckThreshold ]
```

NEW QUESTION 84
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.	O	O
Blobs are moved to cool storage if they have not been accessed for 30 days.	O	O
Blobs will automatically be tiered from cool back to hot if accessed again after being tiered to cool.	O	O
All block blobs older than 730 days will be deleted.	O	O

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 88
HOTSPOT - (Topic 8)
You are developing a solution that uses the Azure Storage Client library for .NET. You have the following code: (Line numbers are included for reference only.)

```
01 CloudBlockBlob src = null;
02 try
03 {
04    src = container.ListBlobs().OfType<CloudBlockBlob>().FirstOrDefault();
05    var id = await src.AcquireLeaseAsync(null);
06    var dst = container.GetBlockBlobReference(src.Name);
07    string cpid = await dst.StartCopyAsync(src);
08    await dst.FetchAttributeAsync();
09    return id;
10 }
11 catch (Exception e)
12 {
13    throw;
14 }
15 finally
16 {
17    if (src != null)
18    await src.FetchAttributesAsync();
19    if (src.Properties.LeaseState != LeaseState.Available)
20    await src.BreakLeaseAsync(new TimeSpan(0));
21 }
```

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

Statement	Yes	No
The code creates an infinite lease	◯	◯
The code at line 06 always creates a new blob	◯	◯
The finally block releases the lease	◯	◯

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: Yes
AcquireLeaseAsync does not specify leaseTime.
leaseTime is a TimeSpan representing the span of time for which to acquire the lease, which will be rounded down to seconds. If null, an infinite lease will be acquired. If not null, this must be 15 to 60 seconds.
Box 2: No
The GetBlockBlobReference method just gets a reference to a block blob in this container.
Box 3: Yes
The BreakLeaseAsync method initiates an asynchronous operation that breaks the current lease on this container.

NEW QUESTION 92
HOTSPOT - (Topic 8)
You are developing a data storage solution for a social networking app.
The solution requires a mobile app that stores user information using Azure Table Storage. You need to develop code that can insert multiple sets of user information.
How should you complete the code? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

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

▼	op = new	▼	();
TableOperation		TableOperation	
TableBatchOperaton		TableBatchOperaton	
TableEntity		TableEntity	
TableQuery		TableQuery	

```
. . .
table.    ▼    (op);
      ExecuteBatch
      Execute
      Insert
      InsertOrMerge
```

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1, Box 2: TableBatchOperation Create the batch operation.
TableBatchOperation op = new TableBatchOperation();
Box 3: ExecuteBatch
/ Execute the batch operation. table.ExecuteBatch(op);
Note: You can insert a batch of entities into a table in one write operation. Some other notes on batch operations:
You can perform updates, deletes, and inserts in the same single batch operation. A single batch operation can include up to 100 entities.
All entities in a single batch operation must have the same partition key.
While it is possible to perform a query as a batch operation, it must be the only operation in the batch.
References:
https://docs.microsoft.com/en-us/azure/cosmos-db/table-storage-how-to-use-dotnet

NEW QUESTION 95
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

- 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.

Answer Area

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 100
- (Topic 8)
You develop and deploy an Azure App Service web app to a production environment. You enable the Always On setting and the Application Insights site extensions. You deploy a code update and receive multiple failed requests and exceptions in the web app. You need to validate the performance and failure counts of the web app in near real time. Which Application Insights tool should you use?

A. Snapshot Debugger
B. Profiler
C. Smart Detection
D. Live Metrics Stream
E. Application Map

Answer: D

NEW QUESTION 101
HOTSPOT - (Topic 8)
You are validating the configuration of an Azure Search indexer.
The service has been configured with an indexer that uses the Import Data option. The index is configured using options as shown in the Index Configuration exhibit. (Click the Index Configuration tab.)

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

When users search for items by description, Search explorer returns no records. The Search Explorer exhibit shows the query and results for a test. In the test, a user is trying to search for all items in the table that have a description that contains the word bag. (Click the Search Explorer tab.)
You need to resolve the issue.
For each of the following statements, select Yes if the statement is true. Otherwise, select No.
NOTE: Each correct selection is worth one point.

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

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: Yes
The ItemDescription field in not searchable.
Box 2: No
The ItemDescription field in not searchable, but we would need to recreate the index.
Box 3: Yes
An indexer in Azure Search is a crawler that extracts searchable data and metadata from an external Azure data source and populates an index based on field-to-field mappings between the index and your data source. This approach is sometimes referred to as a 'pull model' because the service pulls data in without you having to write any code that adds data to an index.
Box 4: No References:
https://docs.microsoft.com/en-us/azure/search/search-what-is-an-index

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

NEW QUESTION 106
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 108
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 ▼         create --location centralus - -name $resourcegroupname
  group
  webapp
  appservice plan          create --name $webappname - -resource-group $resourcegroupname
  webapp deployment slot   - -sku S3
  webapp deployment source create --name $webappname - -resource-group $resourcegroupname
                           \ - -plan $webappname
az ▼         create --name $webappname - -resource-group $resourcegroupname
  group                    \ - -slot staging
  webapp
  appservice plan          config - -name $webappname - -resource-group $resourcegroupname
  webapp deployment slot   \ - -slot staging - -repo-url
  webapp deployment source $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
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 110
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 111
- (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 113
HOTSPOT - (Topic 8)
You are developing an Azure Function App by using Visual Studio. The app will process orders input by an Azure Web App. The web app places the order information into Azure Queue Storage.
You need to review the Azure Function App code shown below.

```
public static class OrderProcessor
{
    [FunctionName("ProcessOrders")]
    public static void ProcessOrders([QueueTrigger("incoming-orders")]CloudQueueMessage myQueueItem, [Table("Orders")]ICollector<Order> tableBindings, TraceWriter log)
    {
        log.Info($"Processing Order: {myQueueItem.Id}");
        log.Info($"Queue Insertion Time: {myQueueItem.InsertionTime}");
        log.Info($"Queue Expiration Time: {myQueueItem.ExpirationTime}");
        tableBindings.Add(JsonConvert.DeserializeObject<Order>(myQueueItem.AsString));
    }
    [FunctionName("ProcessOrders-Poison")]
    public static void ProcessFailedOrders([QueueTrigger("incoming-orders-poison")]CloudQueueMessage myQueueItem, TraceWriter log)
    {
        log.Error($"Failed to process order: {myQueueItem.AsString}");
        . . .
    }
}
```

NOTE:Each correct selection is worth one point.

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

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: No
ExpirationTime - The time that the message expires.
InsertionTime - The time that the message was added to the queue.
Box 2: Yes
maxDequeueCount - The number of times to try processing a message before moving it to the poison queue. Default value is 5.
Box 3: Yes
When there are multiple queue messages waiting, the queue trigger retrieves a batch of messages and invokes function instances concurrently to process them.
By default, the batch size is 16. When the number being processed gets down to 8, the runtime gets another batch and starts processing those messages. So the maximum number of concurrent messages being processed per function on one virtual machine (VM) is 24.
Box 4: Yes References:
https://docs.microsoft.com/en-us/azure/azure-functions/functions-bindings-storage-queue

NEW QUESTION 114
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 119
- (Topic 8)
You are developing a web app that is protected by Azure Web Application Firewall (WAF). All traffic to the web app is routed through an Azure Application Gateway instance that is used by multiple web apps. The web app address is contoso.azurewebsites.net.
All traffic must be secured with SSL. The Azure Application Gateway instance is used by multiple web apps.
You need to configure the Azure Application Gateway for the app.
Which two actions should you perform? Each correct answer presents part of the solution. NOTE:Each correct selection is worth one point.

A. In the Azure Application Gateway's HTTP setting, enable the Use for App service setting.
B. Convert the web app to run in an Azure App service environment (ASE).
C. Add an authentication certificate for contoso.azurewebsites.net to the Azure Application gateway.
D. In the Azure Application Gateway's HTTP setting, set the value of the Override backend path option to contoso22.azurewebsites.net.

Answer: AD

Explanation:
D: The ability to specify a host override is defined in the HTTP settings and can be applied to any back-end pool during rule creation.
The ability to derive the host name from the IP or FQDN of the back-end pool members.
HTTP settings also provide an option to dynamically pick the host name from a back-end pool member's FQDN if configured with the option to derive host name from an individual back-end pool member.
A (not C): SSL termination and end to end SSL with multi-tenant services.
In case of end to end SSL, trusted Azure services such as Azure App service web apps do not require whitelisting the backends in the application gateway.
Therefore, there is no need to add any authentication certificates.

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

NEW QUESTION 121
- (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 124
- (Topic 8)
You develop and deploy an Azure App Service web app named App1. You create a new Azure Key Vault named Vault 1. You import several API keys, passwords, certificates, and cryptographic keys into Vault1.
You need to grant App1 access to Vault1 and automatically rotate credentials Credentials must not be stored in code.
What should you do?

A. Enable App Service authentication for App
B. Assign a custom RBAC role to Vault1.
C. Add a TLS/SSL binding to App1.
D. Assign a managed identity to App1.
E. Upload a self-signed client certificate to Vault1. Update App1 to use the client certificate.

Answer: D

NEW QUESTION 125
- (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 130
- (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 135
HOTSPOT - (Topic 8)
You have an App Service plan named aspl based on the Free pricing tier.
You plan to use aspl to implement an Azure Function app with a queue trigger. Your solution must minimize cost.
You need to identify the configuration options that will meet the requirements.
Which value should you configure? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

Answer Area

Configuration option	Value
Azure App Service feature	Managed identity ▾
	Always On
	Managed identity
	Continuous deployment
Azure App Service pricing tier	Basic ▾
	Basic
	Shared
	Standard

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

Configuration option	Value
Azure App Service feature	Managed identity ▾
	Always On
	Managed identity
	Continuous deployment
Azure App Service pricing tier	Basic ▾
	Basic
	Shared
	Standard

NEW QUESTION 137
HOTSPOT - (Topic 8)
You develop a news and blog content app for Windows devices.
A notification must arrive on a user's device when there is a new article available for them to view.
You need to implement push notifications.
How should you complete the code segment? To answer, select the appropriate options in the answer area.
NOTE:Each correct selection is worth one point.

Answer Area

```
string notificationHubName = "contoso_hub";
string notificationHubConnection = "connection_string";
[ ▾ ] hub =
    NotificationHubClient
    NotificationHubClientSettings
    NotificationHubJob
    NotificationDetails

[ ▾ ] . [ ▾ ]
    NotificationHubClient              GetInstallation
    NotificationHubClientSettings      CreateClientFromConnectionString
    NotificationHubJob                 CreateOrUpdateInstallation
    NotificationDetails                PatchInstallation

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

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: NotificationHubClient
Box 2: NotificationHubClient
Box 3: CreateClientFromConnectionString
// Initialize the Notification Hub NotificationHubClient hub =
NotificationHubClient.CreateClientFromConnectionString(listenConnString, hubName);
Box 4: SendWindowsNativeNotificationAsync Send the push notification.
var result = await hub.SendWindowsNativeNotificationAsync(windowsToastPayload);

NEW QUESTION 142
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 143
- (Topic 8)
A development team is creating a new REST API. The API will store data in Azure Blob storage. You plan to deploy the API to Azure App Service.
Developers must access the Azure Blob storage account to develop the API for the next two months. The Azure Blob storage account must not be accessible by the developers after the two-month time period.
You need to grant developers access to the Azure Blob storage account. What should you do?

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

Answer: A

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

NEW QUESTION 144
- (Topic 8)
You develop a serverless application using several Azure Functions. These functions connect to data from within the code.
You want to configure tracing for an Azure Function App project. You need to change configuration settings in the hostjson file. Which tool should you use?

A. Azure portal
B. Azure PowerShell
C. Azure Functions Core Tools (Azure CLI)
D. Visual Studio

Answer: A

Explanation:
The function editor built into the Azure portal lets you update the function.json file and the code file for a function. The host.json file, which contains some runtime-specific configurations, is in the root folder of the function app.
References:
https://docs.microsoft.com/en-us/azure/azure-functions/functions-reference#fileupdate

NEW QUESTION 146
DRAG DROP - (Topic 8)
You are developing an application to securely transfer data between on-premises file systems and Azure Blob storage. The application stores keys, secrets, and certificates in Azure Key Vault. The application uses the Azure Key Vault APIs.
The application must allow recovery of an accidental deletion of the key vault or key vault objects. Key vault objects must be retained for 90 days after deletion.
You need to protect the key vault and key vault objects.
Which Azure Key Vault feature should you use? To answer, drag the appropriate features to the correct actions. Each feature may be used once, more than once, or not at all. You
may need to drag the split bar between panes or scroll to view content.
NOTE:Each correct selection is worth one point.

Features		Answer Area		
Access policy			**Action**	**Feature**
Purge protection			Enable retention period and accidental deletion.	Feature
Soft delete			Enforce retention period and accidental deletion.	Feature
Shared access signature				

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: Soft delete
When soft-delete is enabled, resources marked as deleted resources are retained for a specified period (90 days by default). The service further provides a mechanism for recovering the deleted object, essentially undoing the deletion.
Box 2: Purge protection
Purge protection is an optional Key Vault behavior and is not enabled by default. Purge protection can only be enabled once soft-delete is enabled.
When purge protection is on, a vault or an object in the deleted state cannot be purged until the retention period has passed. Soft-deleted vaults and objects can still be recovered, ensuring that the retention policy will be followed.

NEW QUESTION 151
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.

Item	Value
Powershell command	▼
	Get-AzureRmRoleDefinition-Name"Reader"|ConvertTo-Json|Out-File C:\SupportRole.json
	Get-AzureRmRoleDefinition-Name"Operator"|ConvertTo-Json|Out-File C:\SupportRole.json
	Set-AzureRmRoleDefinition-Name"Reader"|Input-File C:\SupportRole.json
	Set-AzureRmRoleDefinition Input-File C:\SupportRole.json
Actions section	▼
	"*/read*, "Microsoft.Support/*"
	"*/read*
	""*, "Microsoft.Support/*"

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 156
HOTSPOT - (Topic 8)
You are creating an app that uses Event Grid to connect with other services. Your app's event data will be sent to a serverless function that checks compliance. This function is maintained by your company.
You write a new event subscription at the scope of your resource. The event must be invalidated after 3 specific period of time. You need to configure Event Grid to ensure security.
What should you implement? To answer, select the appropriate options in [he answer area. NOTE: Each correct selection is worth one point

Authentication   **Type**

WebHook event delivery   ▼
                                    SAS tokens
                                    Key authentication
                                    JWT token

Topic publishing   ▼
                                    ValidationCode handshake
                                    ValidationURL handshake
                                    Management Access Control

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: SAS tokens
Custom topics use either Shared Access Signature (SAS) or key authentication. Microsoft recommends SAS, but key authentication provides simple programming, and is compatible with many existing webhook publishers.
In this case we need the expiration time provided by SAS tokens.
Box 2: ValidationCode handshake
Event Grid supports two ways of validating the subscription: ValidationCode handshake (programmatic) and ValidationURL handshake (manual).
If you control the source code for your endpoint, this method is recommended.

NEW QUESTION 158
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 163
- (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 165
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.

Code segments	Answer Area
DefaultAzureCredential	string var1 = Environment.GetEnvironmentVariable("KEY_VAULT_URI");
ClientSecretCredential	var var2 = new [Code segment] (new Uri(var1), new [Code segment] ());
CloudClients	
SecretClient	

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 168
HOTSPOT - (Topic 8)
You develop an application that sells AI generated images based on user input. You recently started a marketing campaign that displays unique ads every second day.
Sales data is stored in Azure Cosmos DB with the date of each sale being stored in a property named 'whenFinished'.
The marketing department requires a view that shows the number of sales for each unique ad.
You need to implement the query for the view.
How should you complete the query? 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:

Answer Area

SELECT

count(c.whenFinished) ▼
max(c.whenFinished)
sum(c.whenFinished)
count(c.whenFinished)

DateTimeBin(c.whenFinished, 'day', 2) ▼
DateTimeBin(c.whenFinished, 'day', 2)
DateTimePart(c.whenFinished, 'day', 2)
DateTimeBin(c.whenFinished, 'hour', 12)
DateTimePart(c.whenFinished, 'hour', 12)

FROM c
group by

DateTimeBin(c.whenFinished, 'day', 2) ▼
DateTimeBin(c.whenFinished, 'day', 2)
DateTimePart(c.whenFinished, 'day', 2)
DateTimeBin(c.whenFinished, 'hour', 12)
DateTimePart(c.whenFinished, 'hour', 12)
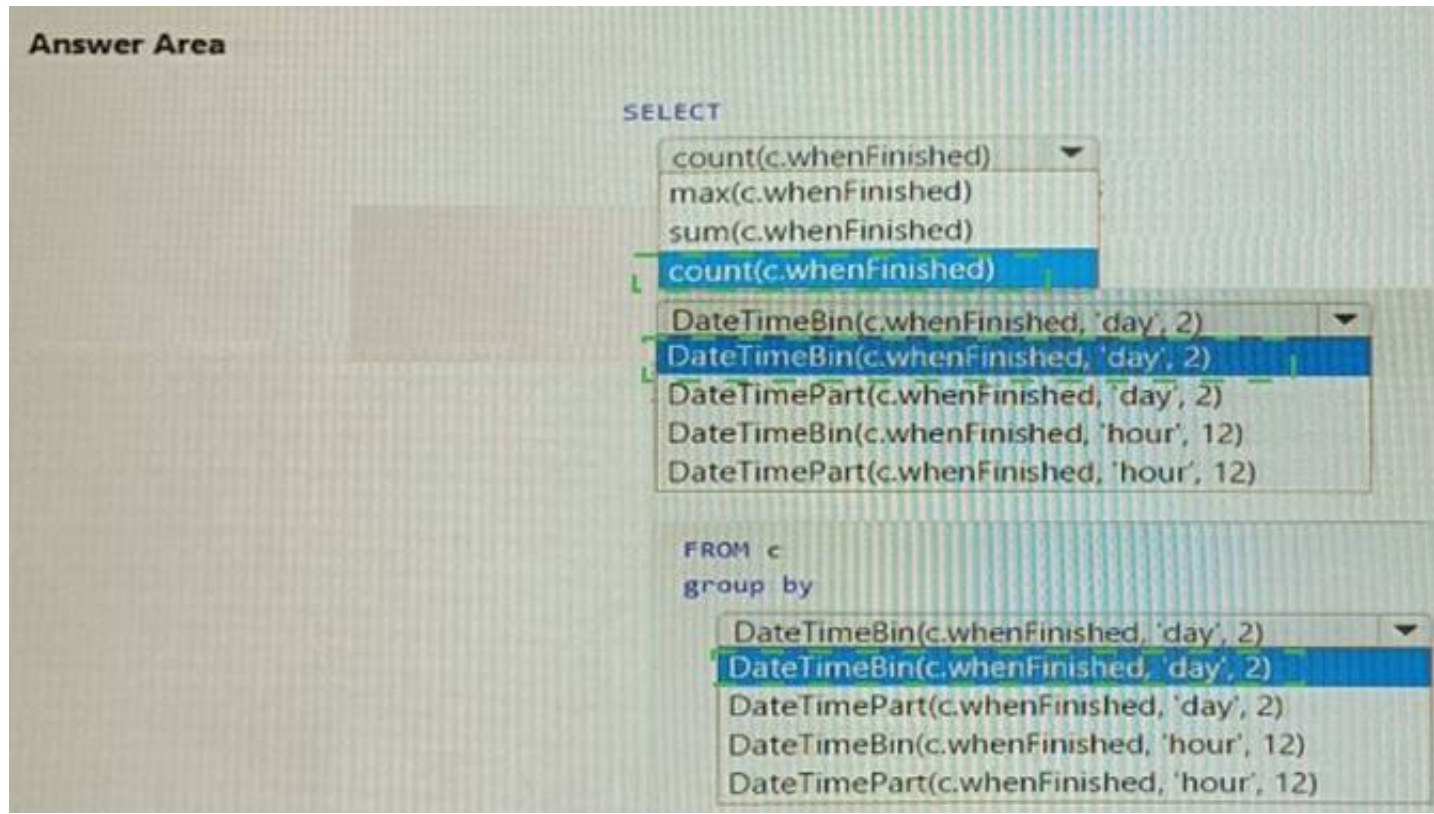
NEW QUESTION 172
- (Topic 8)
You develop and deploy an ASP.NET Core application that connects o an Azure Database for MySQL instance.
Connections to the database appear to drop intermittently and the application code does not handle the connection failure.
You need to handle the transient connection 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 173
DRAG DROP - (Topic 8)
You develop a web app that uses tier D1 app service plan by using the Web Apps feature of Microsoft Azure App Service.
Spikes in traffic have caused increases in page load times.
You need to ensure that the web app automatically scales when CPU load is about 85 percent and minimize costs.
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.
NOTE:More than one order of answer choices is correct. You will receive credit for any of the correct orders you select.

Actions

Configure the web app to the
Premium App Service tier.

Configure the web app to the
Standard App Service tier.

Enable autoscaling on the
web-app.

Add a Scale rule.

Switch to an Azure App
Services consumption plan.

Configure a Scale condition.

Answer Area

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Step 1: Configure the web app to the Standard App Service Tier
The Standard tier supports auto-scaling, and we should minimize the cost.
Step 2: Enable autoscaling on the web app First enable autoscale
Step 3: Add a scale rule
Step 4: Add a Scale condition

NEW QUESTION 176
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      ▼ ]  -  [            ▼ ]  )
                 delete_snapshots                  False
                 snapshot_blob                     Include
                 snapshots_present                 Only
```

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Answer Area

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

NEW QUESTION 181
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 186
- (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 189
- (Topic 8)
You develop Azure solutions. A .NET application needs to receive a message each time an Azure virtual machine finishes processing data. The messages must NOT persist after being processed by the receiving application.
You need to implement the .NET object that will receive the messages. Which object should you use?

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

Answer: A

Explanation:
A queue allows processing of a message by a single consumer. Need a CloudQueueClient to access the Azure VM.
Reference:
https://docs.microsoft.com/en-us/azure/service-bus-messaging/service-bus-queues-topics- subscriptions

NEW QUESTION 190
- (Topic 8)
You are developing a mobile app that uses an API which stores geospabal data in Azure Cosmos D& The app will be used to find restaurants in a particular area and related information including food types, menu information and the optimal route to a selected restaurant from the user's current location.
Which Azure Cosmos DB API should you use for the API?

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

Answer: A

NEW QUESTION 191
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 AppFeatureFlagStorethat contains a feature flag named Export.
You need to update the app to meet the following requirements:
? Use the Export feature in the app without requiring a restart of the app.
? Validate users before users are allowed access to secure resources.
? Permit users to access secure resources.
How should you complete the code segment? To answer, select the appropriate options in the answer area.
NOTE:Each correct selection is worth one point.

Answer Area

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

app. [⌄] ();

| UseAuthentication |
| UseStaticFiles |
| UseSession |
| UseCookiePolicy |

app. [⌄] ();

| UseAuthorization |
| UseHttpsRedirection |
| UseSession |
| UseCookiePolicy |

app. [⌄] ();

| UseAzureAppConfiguration |
| UseRequestLocalization |
| UseCors |
| UseStaticFiles |

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

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: UseAuthentication
Need to validate users before users are allowed access to secure resources.
UseAuthentication adds the AuthenticationMiddleware to the specified IApplicationBuilder, which enables authentication capabilities.
Box 2: UseAuthorization
Need to permit users to access secure resources.
UseAuthorization adds the AuthorizationMiddleware to the specified IApplicationBuilder, which enables authorization capabilities.
Box 3: UseStaticFiles
Need to use the Export feature in the app without requiring a restart of the app. UseStaticFiles enables static file serving for the current request path

NEW QUESTION 193
DRAG DROP - (Topic 8)
You are developing several microservices named serviceA. serviceB, and serviceC. You deploy the microservices to a new Azure Container Apps environment.
You have the following requirements.
• The microservices must persist data to storage.
• serviceA must persist data only visible to the current container and the storage must be restricted to the amount of disk space available in the container
• servtceB must persist data for the lifetime of the replica and allow multiple containers in the replica to mount the same storage location.
• serviceC must persist data beyond the lifetime of the replica while allowing multiple containers to access the storage and enable per object permissions.
You need to configure storage for each microservice.

Storage types		Answer Area		
Azure Blob Storage			Microservice	Storage type
Azure Files storage			serviceA	
Ephemeral volume			serviceB	
Container file system			serviceC	

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Storage types	Answer Area		
Azure Blob Storage		Microservice	Storage type
Azure Files storage		serviceA	Ephemeral volume
Ephemeral volume		serviceB	Container file system
Container file system		serviceC	Azure Files storage

NEW QUESTION 194
- (Topic 8)
You develop a solution that uses an Azure SQL Database to store user information for a mobile app.
The app stores sensitive information about users.
You need to hide sensitive information from developers that query the data for the mobile app.
Which three items must you identify when configuring dynamic data masking? Each correct answer presents a
part of the solution.
NOTE: Each correct selection is worth one point.

A. Column
B. Table
C. Trigger
D. Index
E. Schema

Answer: ABE

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

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

NEW QUESTION 197
- (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: Enable the Azure Policy Add-on for Kubernetes to connect the Azure Policy service to the GateKeeper admission controller for the AKS cluster. Apply a built-in policy to the cluster.
Does the solution meet the goal?

A. Yes
B. No

Answer: B

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

NEW QUESTION 200
HOTSPOT - (Topic 8)
You are developing a content management application for technical manuals. The application is deployed as an Azure Static Web app.
Authenticated users can view pages under /manuals but only contributors can access the page /manuals/new html.

You need to configure the routing for the web app.
How should you complete the configuration? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

Answer Area

```
"routes": [
    {
        "route":    "/manuals/new.html           "  ,
                    /manuals*
                    contributors
                    authenticated
                    /manuals/new.html
                    /manuals*                      ",
    "allowedRoles": [ "contributors                " ]
                    /manuals*
                    contributors
                    authenticated
                    /manuals/new.html
                    authenticated                  " ]
                    /manuals*                      "
                    /manuals*
    "allowedRoles": contributors                    " ]
        }           authenticated
]                   /manuals/new.html
```

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

```
"routes": [
    {
        "route":    "/manuals/new.html           "  ,
                    /manuals*
                    contributors
                    authenticated
                    /manuals/new.html
                    /manuals*                      ",
    "allowedRoles": [ "contributors                " ]
                    /manuals*
                    contributors
                    authenticated
                    /manuals/new.html
                    authenticated                  " ]
                    /manuals*                      "
                    /manuals*
    "allowedRoles": contributors                    " ]
        }           authenticated
]                   /manuals/new.html
```

NEW QUESTION 205
- (Topic 8)
You are developing an Azure App Service web app.
The web app must securely store session information in Azure Redis Cache. You need to connect the web app to Azure Redis Cache.
Which three Azure Redis Cache properties should you use? Each correct answer presents part of the solution.
Each correct selection is worth one point.

A. SSL port
B. Subscription name
C. Location
D. Host name
E. Access key
F. Subscription id

Answer: ACD

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

NEW QUESTION 208
HOTSPOT - (Topic 8)
You are developing a C++ application that compiles to a native application named process.exe. The application accepts images as input and returns images in one of the following image formats: GIF, PNG, or JPEG.

You must deploy the application as an Azure Function. You need to configure the function and host json files.
How should you complete the json files? To answer, select the appropriate options in the answer area.
NOTE:Each correct selection is worth one point.

```
function.json
{
  ┌────────────────────────────────┐▼
  │ "type": "http"                 │
  │ "platform": "gcm"              │
  │ "datatype": "stream"           │
  │ "path": "process.exe"          │
  └────────────────────────────────┘

    "direction": "out",
    "name" : "result"
}
host.json
  ┌────────────────────────────────┐▼
  │ "customHandler": { "description": {  │
  │ "languageWorker": { "path": {        │
  │ "extensions": {"worker": {           │
  │ "extensionBundle": {                 │
  └────────────────────────────────┘

      "defaultExecutablePath": "process.exe"
},
  ┌────────────────────────────────┐▼
  │ "enableForwardingHttpRequest": true  │
  │ "enableForwardingHttpRequest": false │
  └────────────────────────────────┘

}
```

A. Mastered
B. Not Mastered

Answer: A

Explanation:

```
function.json
{
  ┌────────────────────────────────┐▼
  │ "type": "http"                 │
  │ "platform": "gcm"              │
  │ "datatype": "stream"           │
  │ "path": "process.exe"          │
  └────────────────────────────────┘

    "direction": "out",
    "name" : "result"
}
host.json
  ┌────────────────────────────────┐▼
  │ "customHandler": { "description": {  │
  │ "languageWorker": { "path": {        │
  │ "extensions": {"worker": {           │
  │ "extensionBundle": {                 │
  └────────────────────────────────┘

      "defaultExecutablePath": "process.exe"
},
  ┌────────────────────────────────┐▼
  │ "enableForwardingHttpRequest": true  │
  │ "enableForwardingHttpRequest": false │
  └────────────────────────────────┘

}
```

NEW QUESTION 212
- (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 named Testing and Production. You enable auto swap on the Production deployment slot.
You need to ensure that scripts run and resources are available before a swap operation occurs.
Solution: Update the web.config file to include the applicationInitialization configuration element. Specify custom initialization actions to run the scripts.
Does the solution meet the goal?

A. Yes
B. No

Answer: A

Explanation:
Specify custom warm-up.
Some apps might require custom warm-up actions before the swap. The applicationInitialization configuration element in web.config lets you specify custom initialization actions. The swap operation waits for this custom warm-up to finish before swapping with the target slot. Here's a sample web.config fragment.
<system.webServer>
<applicationInitialization>
<add initializationPage="/" hostName="[app hostname]" />
<add initializationPage="/Home/About" hostName="[app hostname]" />
</applicationInitialization>
</system.webServer>
Reference:
https://docs.microsoft.com/en-us/azure/app-service/deploy-staging-slots#troubleshoot- swaps

NEW QUESTION 215
- (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 a software as a service (SaaS) offering to manage photographs. Users upload photos to a web service which then stores the photos in Azure Storage Blob storage. The storage account type is General-purpose V2.
When photos are uploaded, they must be processed to produce and save a mobile-friendly version of the image. The process to produce a mobile-friendly version of the image must start in less than one minute.
You need to design the process that starts the photo processing.
Solution: Create an Azure Function app that uses the Consumption hosting model and that is triggered from the blob upload.
Does the solution meet the goal?

A. Yes
B. No

Answer: A

Explanation:
In the Consumption hosting plan, resources are added dynamically as required by your functions.
Reference:
https://docs.microsoft.com/en-us/azure/azure-functions/functions-create-storage-blob- triggered-function

NEW QUESTION 219
HOTSPOT - (Topic 8)
You are developing an Azure-hosted e-commerce web application. The application will use Azure Cosmos DB to store sales orders. You are using the latest SDK to manage the sales orders in the database.
You create a new Azure Cosmos DB instance. You include a valid endpoint and valid authorization key to an appSettings.json file in the code project.
You are evaluating the following application code: (Line number are included for reference only.)

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

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

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

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: Yes
The createDatabaseIfNotExistsAsync method checks if a database exists, and if it doesn't, create it.
The Database.CreateContainerAsync method creates a container as an asynchronous operation in the Azure Cosmos service.
Box 2: Yes
The CosmosContainer.CreateItemAsync method creates an item as an asynchronous operation in the Azure Cosmos service.
Box 3: Yes

NEW QUESTION 222
HOTSPOT - (Topic 8)
You have a single page application (SPA) web application that manages information based on data returned by Microsoft Graph from another company's Azure Active Directory (Azure AD) instance.
Users must be able to authenticate and access Microsoft Graph by using their own company's Azure AD instance.
You need to configure the application manifest for the app registration.
How should you complete the manifest? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

```
{
    "oauth2AllowImplicitFlow": [ ▼ ],
                                add
                                false
                                spa
                                true

    " [ ▼ ]":[{
       addIns
       orgRestrictions
       availableToOtherTenants
       requiredResourceAccess

    "resourceAppId": "00000003-0000-0000-c000-000000000000",
    "resourceAccess:[{
       "id" : "24a6cdd6-fab1-4aaf-91b8-3cc8225e90d0",
       "type": "Scope"
    }]}],
    "signInAudience": "[ ▼ ]"
                       All
                       AzureADMyOrg
                       AzureADMultipleOrgs
                       AzureADandPersonalMicrosoftAccount

}
```

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: true
The oauth2AllowImplicitFlow attribute Specifies whether this web app can request OAuth2.0 implicit flow access tokens. The default is false. This flag is used for browser- based apps, like JavaScript single-page apps.
In implicit flow, the app receives tokens directly from the Azure Active Directory (Azure AD) authorize endpoint, without any server-to-server exchange. All

authentication logic and session handling is done entirely in the JavaScript client with either a page redirect or a pop-up box.
Box 2: requiredResourceAccess
With dynamic consent, requiredResourceAccess drives the admin consent experience and the user consent experience for users who are using static consent. However, this parameter doesn't drive the user consent experience for the general case.
resourceAppId is the unique identifier for the resource that the app requires access to. This value should be equal to the appId declared on the target resource app.
resourceAccess is an array that lists the OAuth2.0 permission scopes and app roles that the app requires from the specified resource. Contains the id and type values of the specified resources.
Example: "requiredResourceAccess": [
{
"resourceAppId": "00000002-0000-0000-c000-000000000000",
"resourceAccess": [
{
"id": "311a71cc-e848-46a1-bdf8-97ff7156d8e6", "type": "Scope"
}
]
}
],
Box 3: AzureADMyOrg
The signInAudience attribute specifies what Microsoft accounts are supported for the current application. Supported values are:
AzureADMyOrg - Users with a Microsoft work or school account in my organization's Azure AD tenant (for example, single tenant)
AzureADMultipleOrgs - Users with a Microsoft work or school account in any organization's Azure AD tenant (for example, multi-tenant)
AzureADandPersonalMicrosoftAccount - Users with a personal Microsoft account, or a work or school account in any organization's Azure AD tenant

NEW QUESTION 226
- (Topic 8)
Your company is developing an Azure API.
You need to implement authentication for the Azure API. You have the following requirements:
? All API calls must be secure.
? Callers to the API must not send credentials to the API.
Which authentication mechanism should you use?

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

Answer: C

Explanation:
Use the authentication-managed-identity policy to authenticate with a backend service using the managed identity of the API Management service. This policy essentially uses the managed identity to obtain an access token from Azure Active Directory for accessing the specified resource. After successfully obtaining the token, the policy will set the value of the token in the Authorization header using the Bearer scheme.
Reference:
https://docs.microsoft.com/bs-cyrl-ba/azure/api-management/api-management- authentication-policies

NEW QUESTION 230
- (Topic 8)
You develop Azure Web Apps for a commercial diving company. Regulations require that all divers fill out a health questionnaire every 15 days after each diving job starts.
You need to configure the Azure Web Apps so that the instance count scales up when divers are filling out the questionnaire and scales down after they are complete.
You need to configure autoscaling.
What are two possible autoscaling configurations to achieve this goal? Each correct answer presents a complete solution.
NOTE: Each correct selection is worth one point.

A. Predictive autoscaling
B. CPU usage-based autoscaling
C. Recurrence profile
D. Fixed date profile

Answer: AD

NEW QUESTION 231
- (Topic 8)
You have an Azure App Services Web App. Azure SQL Database instance. Azure Storage Account and an Azure Redis Cache instance in a resource group.
A developer must be able to publish code to the web app. You must grant the developer the Contribute role to the web app
You need to grant the role.
What two commands can you use? Each correct answer presents a complete solution. NOTE: Each correct selection is worth one point.

A. New-AzureRmRoleAssignment
B. az role assignment create
C. az role definition create
D. New-AzureRmRoleDefinition

Answer: AB

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

https://docs.microsoft.com/en-us/powershell/module/azurerm.resources/new-azurermroleassignment?view=azurermps-6.13.0

NEW QUESTION 235
- (Topic 8)
You develop and deploy an ASP.NET web app to Azure App Service. You use Application Insights telemetry to monitor the app.
You must test the app to ensure that the app is available and responsive from various points around the world and at regular intervals. If the app is not responding, you must send an alert to support staff.
You need to configure a test for the web app.
Which two test types can you use? Each correct answer presents a complete solution.
NOTE:Each correct selection is worth one point.

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

Answer: BC

Explanation:
There are three types of availability tests:
? URL ping test: a simple test that you can create in the Azure portal.
? Multi-step web test: A recording of a sequence of web requests, which can be played back to test more complex scenarios. Multi-step web tests are created in Visual Studio Enterprise and uploaded to the portal for execution.
? Custom Track Availability Tests: If you decide to create a custom application to run availability tests, the TrackAvailability() method can be used to send the results to Application Insights.
Reference:
https://docs.microsoft.com/en-us/azure/azure-monitor/app/monitor-web-app-availability

NEW QUESTION 236
- (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: Update the app with a method named statuscheck to run the scripts. Update the app settings for the app. Set the
WEBSITE_SWAP_WARMUP_PING_PATH and WEBSITE_SWAP_WARMUP_PING_STATUSES with a path to the new method and appropriate response codes.
Does the solution meet the goal?

A. Yes
B. No

Answer: A

Explanation:
These are valid warm-up behavior options, but are not helpful in fixing swap problems. Instead update the web.config file to include the applicationInitialization configuration
element. Specify custom initialization actions to run the scripts.
Note: Some apps might require custom warm-up actions before the swap. The
applicationInitialization configuration element in web.config lets you specify custom initialization actions. The swap operation waits for this custom warm-up to finish before swapping with the target slot. Here's a sample web.config fragment.
<system.webServer>
<applicationInitialization>
<add initializationPage="/" hostName="[app hostname]" />
<add initializationPage="/Home/About" hostName="[app hostname]" />
</applicationInitialization>
</system.webServer>
Reference:
https://docs.microsoft.com/en-us/azure/app-service/deploy-staging-slots#troubleshoot- swaps

NEW QUESTION 239
- (Topic 8)
You are developing an Azure Function App that generates end of day reports (or retail stores. All stores dose at 11 PM each day. Reports must be run one hour after dosing. You configure the function to use a Timer trigger that runs at midnight Customers in the Western United States Pacific Time zone (UTC - 8) report that the Azure Function runs before the stores dose. You need to ensure that the Azure Function runs at midnight in the Pacific Time zone.
What should you do?

A. Configure the Azure Function to run in the West US region.
B. Add an app setting named WEBSITE_TIME_ZONE that uses the value Pacific Standard Time
C. Change the Timer trigger to run at 7 AM
D. Update the Azure Function to a Premium plan.

Answer: A

NEW QUESTION 244
- (Topic 8)
You are developing a Java application that uses Cassandra to store key and value data. You plan to use a new Azure Cosmos DB resource and the Cassandra

API in the application. You create an Azure Active Directory (Azure AD) group namedCosmos DB Creatorsto enable provisioning of Azure Cosmos accounts, databases, and containers.
The Azure AD group must not be able to access the keys that are required to access the data.
You need to restrict access to the Azure AD group. Which role-based access control should you use?

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

Answer: C

Explanation:
Azure Cosmos DB now provides a new RBAC role, Cosmos DB Operator. This new role lets you provision Azure Cosmos accounts, databases, and containers, but can't access the keys that are required to access the data. This role is intended for use in scenarios
where the ability to grant access to Azure Active Directory service principals to manage deployment operations for Cosmos DB is needed, including the account, database, and containers.
Reference:
https://azure.microsoft.com/en-us/updates/azure-cosmos-db-operator-role-for-role-based-access-control-rbac-is-now-available/

NEW QUESTION 245
HOTSPOT - (Topic 8)
A company is developing a mobile app for field service employees using Azure App Service Mobile Apps as the backend.
The company's network connectivity varies throughout the day. The solution must support offline use and synchronize changes in the background when the app is online app.
You need to implement the solution.
How should you complete the code segment? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

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

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

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

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

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: var todoTable = client GetSyncTable<TodoItem>()
To setup offline access, when connecting to your mobile service, use the method GetSyncTable instead of GetTable (example):
IMobileServiceSyncTable todoTable = App.MobileService.GetSyncTable(); / Box 2: await todoTable.PullAsync("allTodoItems",todo.Table.CreateQuery());
Your app should now use IMobileServiceSyncTable (instead of IMobileServiceTable) for
CRUD operations. This will save changes to the local database and also keep a log of the changes. When the app is ready to synchronize its changes with the
Mobile Service, use the methods PushAsync and PullAsync (example):
await App.MobileService.SyncContext.PushAsync(); await todoTable.PullAsync();
References:
https://azure.microsoft.com/es-es/blog/offline-sync-for-mobile-services/

NEW QUESTION 250
HOTSPOT - (Topic 8)
You develop two Python scripts to process data.
The Python scripts must be deployed to two, separate Linux containers running in an Azure Container Instance container group. The containers must access external data by using the Server Message Block (SMB) protocol. Containers in the container group must run only once
You need to configure the Azure Container Instance.
Which configuration value should you use? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

Answer Area

Configuration Setting	Configuration Value
External data volume	˅
	Secret
	Empty directory
	Cloned git repo
	Azure file share
Container restart policy	˅
	Never
	Always
	OnFailure

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

Configuration Setting	Configuration Value
External data volume	˅
	Secret
	Empty directory
	Cloned git repo
	Azure file share
Container restart policy	˅
	Never
	Always
	OnFailure

NEW QUESTION 254
- (Topic 8)
You are designing a web application to manage user satisfaction surveys. The number of questions that a survey includes is variable.
Application users must be able to display results for a survey as quickly as possible. Users must also be able to quickly compute statistical measures including average values across various groupings of answers.
Which Azure Cosmos 06 API should you use for the application?

A. Core
B. Mongo DB
C. Gremlin
D. Table API

Answer: D

NEW QUESTION 259
- (Topic 8)
You are a developing a SaaS application that stores data as key value pairs.
You must make multiple editions of the application available. In the lowest cost edition, the performance must be best-effort, and there is no regional failover.
In higher cos! editions customers must be able to select guaranteed performance and support for multiple regions. Azure costs must be minimized.
Which Azure Cosmos OB API should you use for the application?

A. Core
B. MongoDB
C. Cassandra
D. Table API

Answer: C

NEW QUESTION 261

DRAG DROP - (Topic 8)
Fourth Coffee has an ASP.NET Core web app that runs in Docker. The app is mapped to the www.fourthcoffee.com domain.
Fourth Coffee is migrating this application to Azure.
You need to provision an App Service Web App to host this docker image and map the custom domain to the App Service web app.
A resource group named FourthCoffeePublicWebResourceGroup has been created in the WestUS region that contains an App Service Plan named AppServiceLinuxDockerPlan.
Which order should the CLI commands be used to develop the solution? To answer, move all of the Azure CLI command from the list of commands to the answer area and arrange them in the correct order.

```
Azure CLI commands                                    Answer area

az webapp config hostname add
--webapp-name $appName
--resource-group fourthCoffeePublicWebResourceGroup\
--hostname $fqdn

#/bin/bash
appName="FourthCoffeePublicWeb$random".
location "WestUS"
dockerHubContainerPath="FourthCoffee/publicweb:v1"     ⊙
fqdn=http://www.fourthcoffee.com>www.fourthcoffee.com  ⊙

az webapp create
--name $appName
--plan AppServiceLinuxDockerPlan
--resource-group fourthCoffeePublicWebResourceGroup

az webapp config container set
--docker-custom-image-name $dockerHibContainerPath
--name $appName
--resource-group fourthCoffeePublicWebResourceGroup
```

A. Mastered
B. Not Mastered

Answer: A

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

NEW QUESTION 264
- (Topic 8)
You are developing a medical records document management website. The website is used to store scanned copies of patient intake forms. If the stored intake forms are downloaded from storage by a third party, the content of the forms must not be compromised.
You need to store the intake forms according to the requirements. Solution:
? uk.co.certification.simulator.questionpool.PList@2ffbc4e0 Does the solution meet the goal?

A. Yes
B. No

Answer: A

NEW QUESTION 268
DRAG DROP - (Topic 8)
You are deploying an Azure Kubernetes Services (AKS) cluster that will use multiple containers.
You need to create the cluster and verify that the services for the containers are configured correctly and available.
Which four commands should you use to develop the solution? To answer, move the appropriate command segments from the list of command segments to the answer area and arrange them in the correct order.

Command segments

az aks get-credentials

az appservice plan create

az aks create

az group create

kubectl apply

Answer Area

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Step 1: az group create
Create a resource group with the az group create command. An Azure resource group is a logical group in which Azure resources are deployed and managed.
Example: The following example creates a resource group named myAKSCluster in the eastus location.
az group create --name myAKSCluster --location eastus
Step 2 : az aks create
Use the az aks create command to create an AKS cluster.
Step 3: kubectl apply
To deploy your application, use the kubectl apply command. This command parses the manifest file and creates the defined Kubernetes objects.
Step 4: az aks get-credentials
Configure it with the credentials for the new AKS cluster. Example:
az aks get-credentials --name aks-cluster --resource-group aks-resource-group
References: https://docs.bitnami.com/azure/get-started-aks/

NEW QUESTION 270
HOTSPOT - (Topic 8)
You are developing an application that monitors data added to an Azure Blob storage account.
You need to process each change made to the storage account.
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.

```
cf = ChangeFeedClient("","")
x = None
while True:
change_feed = cf. [                    ▼ ]
    for c in change_fee  cf.list(x)
        ProcessChanges(c)  by_page(x)
                           ItemPaged(cf.list(x))
                           list_changes(x).by_page()

    x = change_feed. [                  ▼ ]
                      get_next
                      extract_data
                      _page_iterator
                      continuation_token
```
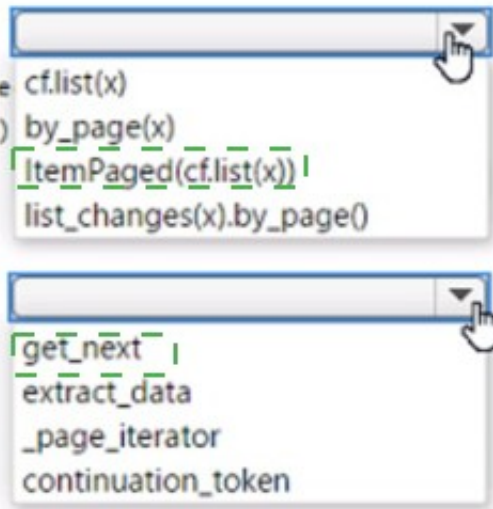
A. Mastered
B. Not Mastered

Answer: A

Explanation:

```
cf = ChangeFeedClient("","")
x = None
while True:
    change_feed = cf. [                          ▼]
                      ┌─────────────────────────┐
        for c in change_fee│ cf.list(x)          │
            ProcessChanges(c)│ by_page(x)         │
                      │ ItemPaged(cf.list(x))     │
                      │ list_changes(x).by_page() │
                      └─────────────────────────┘

    x = change_feed. [                          ▼]
                      ┌─────────────────────────┐
                      │ get_next                │
                      │ extract_data            │
                      │ _page_iterator          │
                      │ continuation_token      │
                      └─────────────────────────┘
```

NEW QUESTION 271
- (Topic 8)
You are developing a project management service by using ASP.NET. The service hosts conversations, files, to-do lists, and a calendar that users can interact with at any time.
The application uses Azure Search for allowing users to search for keywords in the project data.
You need to implement code that creates the object which is used to create indexes in the Azure Search service.
Which two objects should you use? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

A. SearchService
B. SearchIndexClient
C. SearchServiceClient
D. SearchCredentials

Answer: BC

Explanation:
The various client libraries define classes like Index, Field, and Document, as well as operations like Indexes.Create and Documents.Search on the SearchServiceClient and SearchIndexClient classes.
Example:
The sample application we'll be exploring creates a new index named "hotels", populates it with a few documents, then executes some search queries. Here is the main program, showing the overall flow:
/ This sample shows how to delete, create, upload documents and query an index static void Main(string[] args)
{
IConfigurationBuilder builder = new ConfigurationBuilder().AddJsonFile("appsettings.json"); IConfigurationRoot configuration = builder.Build();
SearchServiceClient serviceClient = CreateSearchServiceClient(configuration); Console.WriteLine("{0}", "Deleting index...\n");
DeleteHotelsIndexIfExists(serviceClient);
Console.WriteLine("{0}", "Creating index...\n"); CreateHotelsIndex(serviceClient);
ISearchIndexClient indexClient = serviceClient.Indexes.GetClient("hotels");
References:
https://docs.microsoft.com/en-us/azure/search/search-howto-dotnet-sdk

NEW QUESTION 275
- (Topic 8)
You develop a gateway solution for a public facing news API. The news API back end is implemented as a RESTful service and uses an OpenAPI specification.
You need to ensure that you can access the news API by using an Azure API Management service instance.
Which Azure PowerShell command should you run?

A. Import-AzureRmApiManagementApi –Context $ApiMgmtContext –SpecificationFormat "Swagger" -SpecificationPath $SwaggerPath –Path $Path
B. New-AzureRmApiManagementBackend -Context $ApiMgmtContext -Url $Url -Protocol http
C. New-AzureRmApiManagement –ResourceGroupName $ResourceGroup –Name$Name –Location $Location –Organization $Org –AdminEmail $AdminEmail
D. New-AzureRmApiManagementBackendProxy –Url $ApiUrl

Answer: D

Explanation:
New-AzureRmApiManagementBackendProxy creates a new Backend Proxy Object which can be piped when creating a new Backend entity.
Example: Create a Backend Proxy In-Memory Object
PS C:\>$secpassword = ConvertTo-SecureString "PlainTextPassword" -AsPlainText - Force
PS C:\>$proxyCreds = New-Object System.Management.Automation.PSCredential ("foo",
$secpassword)
PS C:\>$credential = New-AzureRmApiManagementBackendProxy -Url "http://12.168.1.1:8080" -ProxyCredential $proxyCreds
PS C:\>$apimContext = New-AzureRmApiManagementContext -ResourceGroupName "Api-Default-WestUS" -ServiceName "contoso"
PS C:\>$backend = New-AzureRmApiManagementBackend -Context $apimContext - BackendId 123 -Url 'https://contoso.com/awesomeapi' -Protocol http -Title
"first backend" - SkipCertificateChainValidation $true -Proxy $credential -Description "backend with proxy server"
Creates a Backend Proxy Object and sets up Backend

NEW QUESTION 280
DRAG DROP - (Topic 8)
You develop software solutions for a mobile delivery service. You are developing a mobile app that users can use to order from a restaurant in their area. The app

uses the following workflow:
? A driver selects the restaurants from which they will deliver orders.
? Orders are sent to all available drivers in an area.
? Only orders for the selected restaurants will appear for the driver.
? The first driver to accept an order removes it from the list of available orders.
You need to implement an Azure Service Bus solution.
Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions

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

Answer Area

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: Create a single Service Bus Namespace
To begin using Service Bus messaging entities in Azure, you must first create a namespace with a name that is unique across Azure. A namespace provides a scoping container for addressing Service Bus resources within your application.
Box 2: Create a Service Bus Topic for each restaurant for which a driver can receive messages.
Create topics.
Box 3: Create a Service Bus subscription for each restaurant for which a driver can receive orders.

NEW QUESTION 285
HOTSPOT - (Topic 8)
You have an Azure Batch project that processes and converts files and stores the files in Azure storage. You are developing a function to start the batch job.
You add the following parameters to the function.

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

You must ensure that converted files are placed in the container referenced by the outputContainerSasUrl parameter. Files which fail to convert are places in the container referenced by the failedContainerSasUrl parameter.
You need to ensure the files are correctly processed.
How should you complete the code segment? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

Answer Area

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

```
                                         GetJob
                                         GetTask
                                         EnableJob
                                         CreateJob
```

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

```
                                                  TaskSuccess
                                                  TaskFailure
                                                  TaskCompletion
```

```
    outputFileList.Add(new OutputFile(fileTask.Output,
      new OutputFileDestination(failedContainer),
      new OutputFileUploadOptions(OutputFileUploadCondition, [▼] )));
```

```
                                                  TaskSuccess
                                                  TaskFailure
                                                  TaskCompletion
```

```
    task [▼] =outputFileList;
```

```
         OutputFiles
         FilesToStage
         ResourceFiles
         StageFiles
```

```
    task.Add(task);
    });
    ]
    return tasks,
}
```

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: CreateJob
Box 2: TaskSuccess
TaskSuccess: Upload the file(s) only after the task process exits with an exit code of 0.
Incorrect: TaskCompletion: Upload the file(s) after the task process exits, no matter what the exit code was.
Box 3: TaskFailure
TaskFailure:Upload the file(s) only after the task process exits with a nonzero exit code.
Box 4: OutputFiles
To specify output files for a task, create a collection of OutputFile objects and assign it to
the CloudTask.OutputFiles property when you create the task.
References: https://docs.microsoft.com/en-
us/dotnet/api/microsoft.azure.batch.protocol.models.outputfileuploadcondition https://docs.microsoft.com/en-us/azure/batch/batch-task-output-files

NEW QUESTION 287
- (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 Notification Hub. Register all devices with the hub. Does the solution meet the goal?

A. Yes

B. No

Answer: B

Explanation:
Instead use an Azure Service Bus, which is used order processing and financial transactions.
Reference:
https://docs.microsoft.com/en-us/azure/event-grid/compare-messaging-services

NEW QUESTION 289
DRAG DROP - (Topic 8)
You are developing an Azure solution to collect inventory data from thousands of stores located around the world. Each store location will send the inventory data hourly to an Azure Blob storage account for processing.
The solution must meet the following requirements:
? Begin processing when data is saved to Azure Blob storage.
? Filter data based on store location information.
? Trigger an Azure Logic App to process the data for output to Azure Cosmos DB.
? Enable high availability and geographic distribution.
? Allow 24-hours for retries.
? Implement an exponential back off data processing.
You need to configure the solution.
What should you implement? To answer, select the appropriate options in the answer area.
NOTE:Each correct selection is worth one point.

Technologies	Answer Area		
		Object	Technology
Azure Event Hub		Event Source	Technology
Azure Event Grid		Event Receiver	Technology
Azure Service Bus		Event Handler	Technology
Azure Blob Storage			
Azure App Service			
Azure Logic App			

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: Azure Event Grid
Blob storage events are pushed using Azure Event Grid to subscribers such as Azure Functions, Azure Logic Apps, or even to your own http listener. Event Grid provides reliable event delivery to your applications through rich retry policies and dead-lettering.
Box 2: Azure Logic App
Event Grid uses event subscriptions to route event messages to subscribers. This image illustrates the relationship between event publishers, event subscriptions, and event handlers.
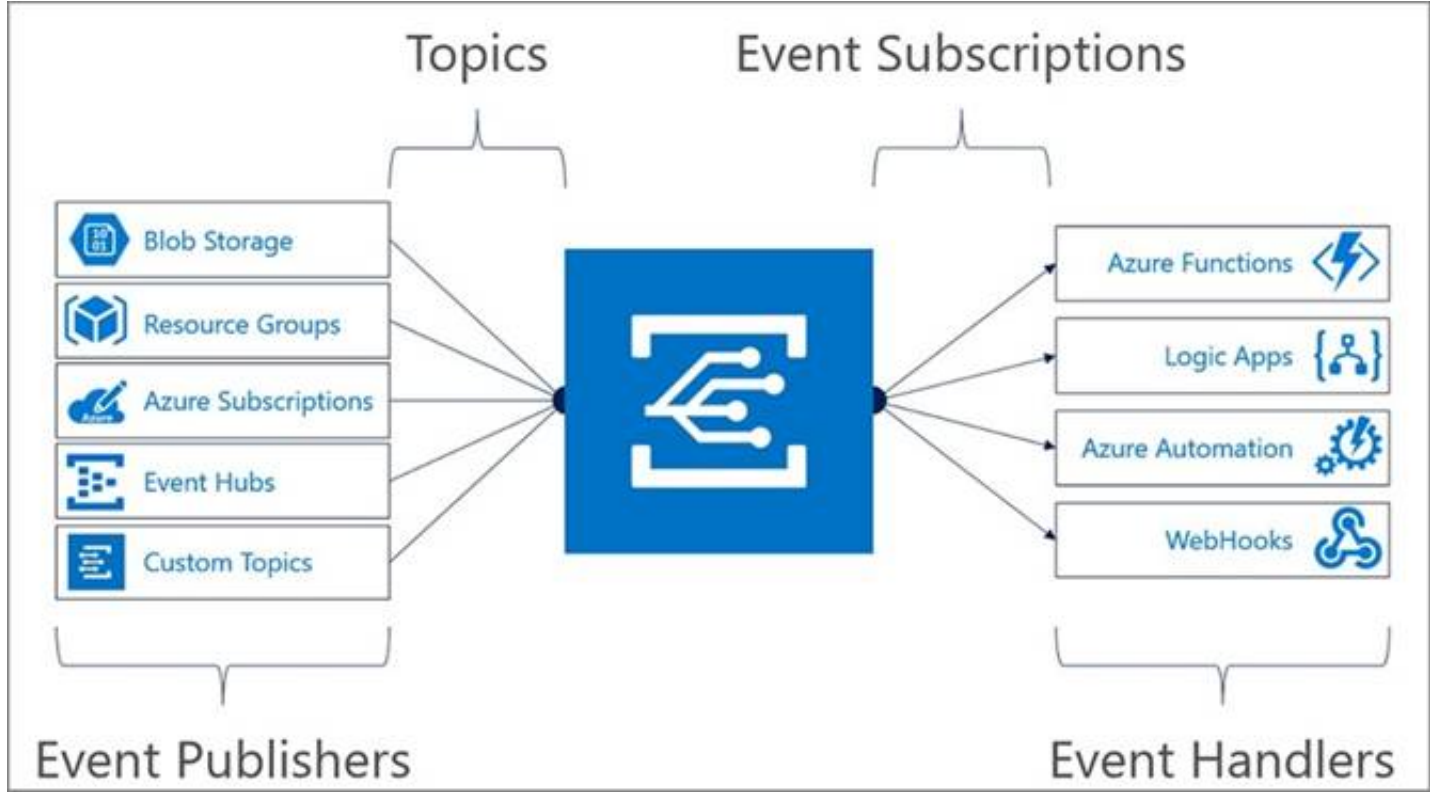
Diagram
Description automatically generated
Box 3: Azure Service Bus
The Event Grid service doesn't store events. Instead, events are stored in the Event Handlers, including ServiceBus, EventHubs, Storage Queue, WebHook endpoint, or many other supported Azure Services.

NEW QUESTION 294

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