

# Exam Questions AZ-204

Developing Solutions for Microsoft Azure

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



### NEW QUESTION 1

- (Topic 8)

You are developing a road tollway tracking application that sends tracking events by using Azure Event Hubs using premium tier. Each road must have a throttling policy uniquely assigned. You need to configure the event hub to allow for per-road throttling. What should you do?

- A. Ensure each road has a unique connection string.
- B. Use a unique consumer group for each road
- C. Use a unique application group for each road
- D. Ensure each road stores events in a different partition.

**Answer: D**

### NEW QUESTION 2

- (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 3

- (Topic 8)

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

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

You develop an HTTP triggered Azure Function app to process Azure Storage blob data. The app is triggered using an output binding on the blob.

The app continues to time out after four minutes. The app must process the blob data. You need to ensure the app does not time out and processes the blob data.

Solution: Update the functionTimeout property of the host.json project file to 10 minutes. Does the solution meet the goal?

- A. Yes
- B. No

**Answer: B**

#### Explanation:

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

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

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

Reference:

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

### NEW QUESTION 4

- (Topic 8)

You develop and add several functions to an Azure Function app that uses the latest runtime host. The functions contain several REST API endpoints secured by using SSL. The Azure Function app runs in a Consumption plan.

You must send an alert when any of the function endpoints are unavailable or responding too slowly.

You need to monitor the availability and responsiveness of the functions. What should you do?

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

**Answer: B**

#### Explanation:

You can create an Azure Function with TrackAvailability() that will run periodically

according to the configuration given in TimerTrigger function with your own business logic. The results of this test will be sent to your Application Insights resource, where you will be able to query for and alert on the availability results data. This allows you to create customized tests similar to what you can do via Availability Monitoring in the portal. Customized tests will allow you to write more complex availability tests than is possible using the portal UI, monitor an app inside of your Azure VNET, change the endpoint address, or create an availability test even if this feature is not available in your region.

D18912E1457D5D1DDCBD40AB3BF70D5D

Reference:

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

NEW QUESTION 5

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.	<div>QueryType OrderBy SearchMode</div>
Organize results by counts for name-value pairs.	<div>Facets Filter SearchMode</div>
List hotels within a specified distance to an airport and that fall within a specific price range.	<div>Order by Top Filter</div>

- 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

HOTSPOT - (Topic 8)

You provisioned an Azure Cosmos DB for NoSQL account named account1 with the default consistency level.

You plan to configure the consistency level on a per request basis The level needs to be set for consistent prefix for read and write operations to account1.

You need to identify the resulting consistency level for read and write operations. Which levels should you configure? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

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

NEW QUESTION 7

DRAG DROP - (Topic 8)

Contoso, Ltd. provides an API to customers by using Azure API Management (APIM). The API authorizes users with a JWT token. You must implement response caching for the APIM gateway. The caching mechanism must detect the user ID of the client that accesses data for a given location and cache the response for that user ID. You need to add the following policies to the policies file:

- a set-variable policy to store the detected user identity
- a cache-lookup-value policy
- a cache-store-value policy
- a find-and-replace policy to update the response body with the user profile information

To which policy section should you add the policies? To answer, drag the appropriate sections to the correct policies. Each section may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content

NOTE: Each correct selection is worth one point

Policy section	Answer Area
Inbound	
Outbound	

Policy	Policy section
Set-variable	policy section
Cache-lookup-value	policy section
Cache-store-value	policy section
Find-and-replace	policy section

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: Inbound.

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

```
<policies>
<inbound>
<!-- How you determine user identity is application dependent -->
<set-variable name="enduserid"
value="@ (context.Request.Headers.GetValueOrDefault("Authorization","").Split(' ')[1].AsJwt()?.Subject)" />
Box 2: Inbound
A cache-lookup-value policy Example:
<inbound>
<base />
<cache-lookup vary-by-developer="true | false" vary-by-developer-groups="true | false" downstream-caching-type="none | private | public" must-revalidate="true | false">
<vary-by-query-parameter>parameter name</vary-by-query-parameter> <!-- optional, can repeated several times -->
</cache-lookup>
</inbound>
Box 3: Outbound
A cache-store-value policy. Example:
<outbound>
<base />
<cache-store duration="3600" />
</outbound>
Box 4: Outbound
A find-and-replace policy to update the response body with the user profile information. Example:
<outbound>
<!-- Update response body with user profile-->
```

```
<find-and-replace from="$userprofile$"  
to="@((string)context.Variables["userprofile"])" />  
<base />  
</outbound>
```

### NEW QUESTION 8

- (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 9

DRAG DROP - (Topic 8)

You are developing Azure WebJobs.

You need to recommend a WebJob type for each scenario.

Which WebJob type should you recommend? To answer, drag the appropriate WebJob types to the correct scenarios. Each WebJob type may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE:Each correct selection is worth one point.

WebJob types	Scenario	WebJob type
Triggered	Run on all instances that the web app runs on. Optionally restrict the WebJob to a single instance.	<input type="text"/>
Continuous	Run on a single instance that Azure select for load balancing.	<input type="text"/>
	Supports remote debugging	<input type="text"/>

- A. Mastered
- B. Not Mastered

**Answer: A**

#### Explanation:

Box 1: Continuous

Continuous runs on all instances that the web app runs on. You can optionally restrict the WebJob to a single instance.

Box 2: Triggered

Triggered runs on a single instance that Azure selects for load balancing.

Box 3: Continuous

Continuous supports remote debugging.

Note:

The following table describes the differences between continuous and triggered WebJobs.

Continuous	Triggered
Starts immediately when the WebJob is created. To keep the job from ending, the program or script typically does its work inside an endless loop. If the job does end, you can restart it.	Starts only when triggered manually or on a schedule.
Runs on all instances that the web app runs on. You can optionally restrict the WebJob to a single instance.	Runs on a single instance that Azure selects for load balancing.
Supports remote debugging.	Doesn't support remote debugging.

References:

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

### NEW QUESTION 10

- (Topic 8)

You develop Azure solutions.

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

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

**Answer: C**

#### Explanation:

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

NEW QUESTION 10

- (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 Hub. Configure the machine identifier as the partition key and enable capture.

- A. Yes
- B. No

Answer: A

Explanation:  
References:  
<https://docs.microsoft.com/en-us/azure/event-hubs/event-hubs-programming-guide>

NEW QUESTION 14

HOTSPOT - (Topic 8)  
You develop and deploy the following staticwebapp.config.json file to the app\_location value specified in the workflow file of an Azure Static Web app.

```
{
  "routes": [
    {
      "route": "/api/**",
      "methods": ["GET"],
      "allowedRoles": ["registeredusers"]
    },
    {
      "route": "/api/**",
      "methods": ["POST", "PATCH", "DELETE"]
    }
  ]
}
```

Statements	Yes	No
Unauthenticated users are challenged to authenticate with GitHub.	<input type="radio"/>	<input type="radio"/>
A non-existent file in the /images/ folder will generate a 404 response code.	<input type="radio"/>	<input type="radio"/>
HTTP GET method requests from authenticated users in the role named <b>registeredusers</b> are sent to the API folder.	<input type="radio"/>	<input type="radio"/>
Authenticated users that are not in the role named <b>registeredusers</b> and unauthenticated users are served a 401 HTTP error when accessing the API folder.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Statements	Yes	No
Unauthenticated users are challenged to authenticate with GitHub.	<input checked="" type="radio"/>	<input type="radio"/>
A non-existent file in the /Images/ folder will generate a 404 response code.	<input checked="" type="radio"/>	<input type="radio"/>
HTTP GET method requests from authenticated users in the role named <b>registeredusers</b> are sent to the API folder.	<input checked="" type="radio"/>	<input type="radio"/>
Authenticated users that are not in the role named <b>registeredusers</b> and unauthenticated users are served a 401 HTTP error when accessing the API folder.	<input checked="" type="radio"/>	<input type="radio"/>

NEW QUESTION 15

DRAG DROP - (Topic 8)

You develop and deploy a Java application to Azure. The application has been instrumented by using the Application Insights SDK.

The telemetry data must be enriched and processed before it is sent to the Application Insights service.

You need to modify the telemetry data.

Which Application Insights SDK features should you use? To answer, drag the appropriate features to the correct requirements. Each feature may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Features	Answer Area	Requirement	Feature
Sampling	<input checked="" type="checkbox"/>	Reduce the volume of telemetry without affecting statistics.	<input type="text"/>
Telemetry initializer	<input checked="" type="checkbox"/>	Enrich telemetry with additional properties or override an existing one.	<input type="text"/>
Telemetry processor	<input checked="" type="checkbox"/>	Completely replace or discard a telemetry item.	<input type="text"/>
Telemetry channel	<input type="checkbox"/>		

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Features	Answer Area	Requirement	Feature
Sampling	<input checked="" type="checkbox"/>	Reduce the volume of telemetry without affecting statistics.	<input checked="" type="text"/>
Telemetry initializer	<input checked="" type="checkbox"/>	Enrich telemetry with additional properties or override an existing one.	<input checked="" type="text"/>
Telemetry processor	<input checked="" type="checkbox"/>	Completely replace or discard a telemetry item.	<input checked="" type="text"/>
Telemetry channel	<input type="checkbox"/>		

NEW QUESTION 16

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	
profile	
delegated	
application	
user_impersonation	

API	Permission	Type
Azure Storage	Setting	Setting
Microsoft Graph	User.Read	Setting

- 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 19

HOTSPOT - (Topic 8)

You have an Azure Web app that uses Cosmos DB as a data store. You create a CosmosDB container by running the following PowerShell script:

```
$resourceGroupName = "testResourceGroup"
$accountName = "testCosmosAccount"
$databaseName = "testDatabase"
$containerName = "testContainer"
$partitionKeyPath = "/EmployeeId"
$autoscaleMaxThroughput = 5000 New-AzCosmosDBSqlContainer
-ResourceGroupName $resourceGroupName
-AccountName $accountName
-DatabaseName $databaseName
-Name $containerName
-PartitionKeyKind Hash
-PartitionKeyPath $partitionKeyPath
-AutoscaleMaxThroughput $autoscaleMaxThroughput
```

You create the following queries that target the container:

```
SELECT * FROM c WHERE c.EmployeeId > '12345' SELECT * FROM c WHERE c.UserID = '12345'
```

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

NOTE:Each correct selection is worth one point.

	Yes	No
The minimum throughput for the container is 400 R/Us.	<input type="radio"/>	<input type="radio"/>
The first query statement is an in-partition query.	<input type="radio"/>	<input type="radio"/>
The second query statement is a cross-partition query.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

**Answer:** A

#### Explanation:

Box 1: No

You set the highest, or maximum RU/s T<sub>max</sub> you don't want the system to exceed. The system automatically scales the throughput T such that  $0.1 * T_{max} \leq T \leq T_{max}$ .

In this example we have autoscaleMaxThroughput = 5000, so the minimum throughput for the container is 500 R/Us.

Box 2: No

First query:SELECT \* FROM c WHERE c.EmployeeId > '12345'

Here's a query that has a range filter on the partition key and won't be scoped to a single physical partition. In order to be an in-partition query, the query must have an equality filter that includes the partition key:

```
SELECT * FROM c WHERE c.DeviceId > 'XMS-0001'
```

Box 3: Yes

Example of In-partition query:

Consider the below query with an equality filter on DeviceId. If we run this query on a container partitioned on DeviceId, this query will filter to a single physical partition.

```
SELECT * FROM c WHERE c.DeviceId = 'XMS-0001'
```

#### NEW QUESTION 22

- (Topic 8)

You are developing a web application that runs as an Azure Web App. The web application stores data in Azure SQL Database and stores files in an Azure Storage account. The web application makes HTTP requests to external services as part of normal operations.

The web application is instrumented with Application Insights. The external services are OpenTelemetry compliant.

You need to ensure that the customer ID of the signed in user is associated with all operations throughout the overall system.

What should you do?

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

**Answer:** C

#### Explanation:

Reference:

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

### NEW QUESTION 23

- (Topic 8)

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

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

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

You have the following requirements:

? Queue size must not grow larger than 80 gigabytes (GB).

? Use first-in-first-out (FIFO) ordering of messages.

? Minimize Azure costs.

You need to implement the messaging solution.

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

Does the solution meet the goal?

A. Yes

B. No

**Answer:** A

#### Explanation:

Create an Azure Function App that uses an Azure Service Bus Queue trigger. Reference:

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

### NEW QUESTION 26

- (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 need 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 30

- (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 34

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.

Components

Helm  
Draft  
Brigade  
KubeCtl  
Ingress Controller  
CoreDNS  
Virtual Kubelet

Answer area

Action

Deploy solution.  
View cluster and external IP addressing.  
Implement a single, public IP endpoint that is routed to multiple microservices.

Component

Component  
Component  
Component

- 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 39**

- (Topic 8)

You are developing a mobile instant messaging app for a company. The mobile app must meet the following requirements:

- Support offline data sync.
- Update the latest messages during normal sync cycles. You need to implement Offline Data Sync.

Which two actions should you perform? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

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

**Answer:** BE

**Explanation:**

B: Incremental Sync: the first parameter to the pull operation is a query name that is used only on the client. If you use a non-null query name, the Azure Mobile SDK performs an incremental sync. Each time a pull operation returns a set of results, the latest updatedAt timestamp from that result set is stored in the SDK local system tables. Subsequent pull operations retrieve only records after that timestamp.

E (not D): To use incremental sync, your server must return meaningful updatedAt values and must also support sorting by this field. However, since the SDK adds its own sort on the updatedAt field, you cannot use a pull query that has its own orderBy clause.

References:

<https://docs.microsoft.com/en-us/azure/app-service-mobile/app-service-mobile-offline-data-sync>

**NEW QUESTION 43**

- (Topic 8)

You develop and deploy a web app to Azure App Service. The Azure App Service uses a Basic plan in a region.

Users report that the web app is responding slowly. You must capture the complete call stack to help performance issues in code. Call stack data must be correlated across app instances. You must minimize cost and impact to users on the web app.

You need to capture the telemetry.

Which three actions should you perform? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

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

**Answer:** CDF

**NEW QUESTION 44**

HOTSPOT - (Topic 8)

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

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

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

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

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

NOTE: Each correct selection is worth one point.

```

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

        "metricName": "
        Http4xx
        Http5xx

        "alertSensitivity": "
        Low
        High

      }
    ]
  }
}

```

- A. Mastered  
 B. Not Mastered

**Answer:** A

**Explanation:**

Box 1: DynamicThresholdCriterion

Box 2: Http5xx

Server errors are in the 5xx range. Client errors are in the 4xx range

Box 3: Low

**NEW QUESTION 49**

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 54

- (Topic 8)

You are developing a .Net web application that stores data is Azure Consmos DB. The application must use the Core API and allow millions of reads and writes. The Azure Cosmos Dll account has been created with multiple write region enabled. The application has been deployed to the East US2 and Central US region. You need to update the application to support multi-region writes.

What are two possible ways to achieve this goal? Each correct answer presents parts of the solutions.

NOTE: Each correct selection is worth one point.

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

Answer: CD

NEW QUESTION 55

HOTSPOT - (Topic 8)

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

Variable name	Value
Sgitrepo	https://github.com/Contos/webapp
&webappname	Webapp1103

You need to automatically deploy code from GitHub to the newly created web app.

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

NOTE:Each correct selection is worth one point.

az group create - -location westeurope - -name myResourceGroup

▼

- -name \$webappname - -resource-group myResourceGroup - -sku FREE

az webapp create

az appservice plan create

az webapp deployment

az group delete

▼

- -name \$webappname - -resource-group myResourceGroup

az webapp create

az appservice plan create

az webapp deployment

az group delete

▼

- -repo-url \$gitrepo - -branch master - -manual-integration

git clone \$gitrepo

- -plan \$webappname

▼

source config - -name \$webappname

az webapp create

az appservice plan create

az webapp deployment

az group delete

▼

- -resource-group myResourceGroup

- -repo-url \$gitrepo - -branch master - -manual-integration

git clone \$gitrepo

- -plan \$webappname

A. Mastered  
 B. Not Mastered

Answer: A

#### Explanation:

Box 1: az appservice plan create

The azure group creates command successfully returns JSON result. Now we can use resource group to create a azure app service plan

Box 2: az webapp create Create a new web app..

Box 3: --plan \$webappname

with the serviceplan we created in step 1.

Box 4: az webapp deployment

Continuous Delivery with GitHub. Example:

az webapp deployment source config --name firstsamplewebsite1 --resource-group websites--repo-url \$gitrepo --branch master --git-token \$token

Box 5: --repo-url \$gitrepo --branch master --manual-integration

#### NEW QUESTION 57

- (Topic 8)

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

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

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

You have the following requirements:

? Queue size must not grow larger than 80 gigabytes (GB).

? Use first-in-first-out (FIFO) ordering of messages.

? Minimize Azure costs.

You need to implement the messaging solution.

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

Does the solution meet the goal?

A. Yes  
 B. No

Answer: A

#### Explanation:

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

Reference:

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

#### NEW QUESTION 60

- (Topic 8)

You must implement Application Insights instrumentation capabilities utilizing the Azure Mobile Apps SDK to provide meaningful analysis of user interactions with a mobile app.

You need to capture the data required to implement the Usage Analytics feature of Application Insights. Which three data values should you capture? Each correct answer presents part of the solution

NOTE: Each correct selection is worth one point.

A. Trace  
 B. Session Id

Passing Certification Exams Made Easy

visit - <https://www.2PassEasy.com>

- C. Exception
- D. User Id
- E. Events

**Answer:** ADE

**Explanation:**

Application Insights is a service for monitoring the performance and usage of your apps. This module allows you to send telemetry of various kinds (events, traces, etc.) to the Application Insights service where your data can be visualized in the Azure Portal.

Application Insights manages the ID of a session for you. References:

<https://github.com/microsoft/ApplicationInsights-Android>

**NEW QUESTION 61**

- (Topic 8)

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

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

What should you use?

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

**Answer:** C

**Explanation:**

As a solution architect/developer, you should consider using Service Bus queues when:

? Your solution requires the queue to provide a guaranteed first-in-first-out (FIFO) ordered delivery.

Reference:

<https://docs.microsoft.com/en-us/azure/service-bus-messaging/service-bus-azure-and-service-bus-queues-compared-contrasted>

**NEW QUESTION 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 63**

- (Topic 8)

You are designing a multi-tiered application that will be hosted on Azure virtual machines. The virtual machines will run Windows Server. Front-end servers will be accessible from the Internet over port 443. The other servers will NOT be directly accessible over the internet

You need to recommend a solution to manage the virtual machines that meets the following requirement

- Allows the virtual machine to be administered by using Remote Desktop.
- Minimizes the exposure of the virtual machines on the Internet Which Azure service should you recommend?

- A. Azure Bastion
- B. Service Endpoint
- C. Azure Private Link
- D. Azure Front Door

**Answer:** C

**NEW QUESTION 64**

- (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 65**

- (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 67

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 be 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 configured 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.	<div> <div></div> <div> Azure Cognitive Search  Azure Blob index tags  Azure Blob inventory policy  Azure Blob metadata </div> </div>
Search information inside documents.	<div> <div></div> <div> Azure Cognitive Search  Azure Blob index tags  Azure Blob inventory policy  Azure Blob metadata </div> </div>

- 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 70

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": {
    "strategy": "exponentialBackoff",
    "maxRetryCount": 10,
    "healthCheckInterval": 20,
    "healthCheckThreshold": 15
  }
}

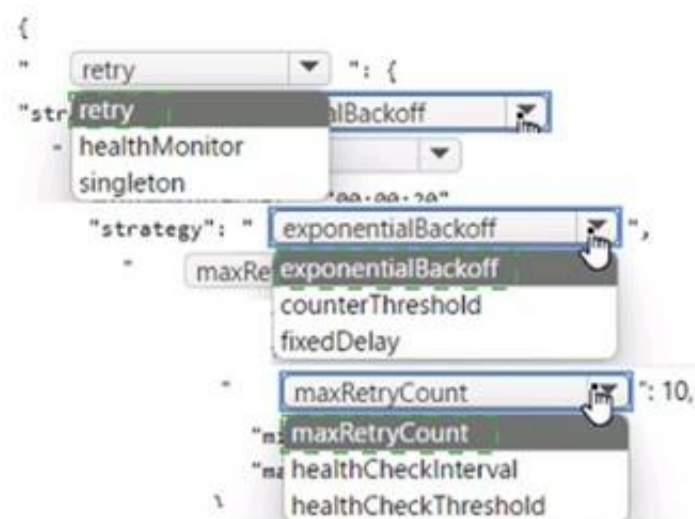
```

- A. Mastered
- B. Not Mastered

**Answer:** A

#### Explanation:

## Answer Area



### NEW QUESTION 75

HOTSPOT - (Topic 8)

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

You need to load configuration data from Azure App Configuration.

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

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

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

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

#### NEW QUESTION 77

- (Topic 8)

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

You need to ensure that the solution uses a publish-subscribe model and eliminates the need for constant polling.

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

NOTE:Each correct selection is worth one point.

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

**Answer:** AC

#### Explanation:

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

Reference:

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

#### NEW QUESTION 79

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	<input type="radio"/>	<input type="radio"/>
The code at line 06 always creates a new blob	<input type="radio"/>	<input type="radio"/>
The finally block releases the lease	<input type="radio"/>	<input type="radio"/>

- 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 81

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

op = new

▼

TableOperation

TableBatchOperaton

TableEntity

TableQuery

() ;

▼

TableOperation

TableBatchOperaton

TableEntity

TableQuery

...

table.

▼

ExecuteBatch

Execute

Insert

InsertOrMerge

(op) ;

- 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 85

- (Topic 8)

You are updating an application that stores data on Azure and uses Azure Cosmos DB for storage. The application stores data in multiple documents associated with a single username.

The application requires the ability to update multiple documents for a username in a single ACID operation.

You need to configure Azure Cosmos DB.

Which two actions should you perform? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

- A. Configure Azure Cosmos DB to use the Azure Cosmos DB for Apache Gremlin API.
- B. Configure Azure Cosmos DB to use the Azure Cosmos DB for MongoDB API.
- C. Create a collection sharded on username to store documents.
- D. Create an unsharded collection to store documents.

**Answer:** BD

#### NEW QUESTION 87

DRAG DROP - (Topic 8)

You develop a web application.

You need to register the application with an active Azure Active Directory (Azure AD) tenant.

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

#### Actions

Select **Manifest** from the middle-tier service registration.

In Enterprise Applications, select **New application**.

Add a Cryptographic key.

Create a new application and provide the name, account type, and redirect URL

Select the Azure AD instance.

Use an access token to access the secure resource.

In App Registrations, select **New registration**.

#### Answer Area



- A. Mastered
- B. Not Mastered

**Answer:** A

#### Explanation:

Register a new application using the Azure portal

? Sign in to the Azure portal using either a work or school account or a personal Microsoft account.

? If your account gives you access to more than one tenant, select your account in the upper right corner. Set your portal session to the Azure AD tenant that you want.

? Search for and select Azure Active Directory. Under Manage, select App registrations.

? Select New registration. (Step 1)

? In Register an application, enter a meaningful application name to display to users.

? Specify who can use the application. Select the Azure AD instance. (Step 2)

? Under Redirect URI (optional), select the type of app you're building: Web or Public client (mobile & desktop). Then enter the redirect URI, or reply URL, for your application. (Step 3)

? When finished, select Register.

#### NEW QUESTION 89

- (Topic 8)

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

You need to select an API for the app. Which API should you use?

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

**Answer:** C

#### Explanation:

For relational data you will need the SQL API

Reference:

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

### NEW QUESTION 90

- (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: Use the Azure Blob Storage change feed to trigger photo processing. Does the solution meet the goal?

- A. Yes
- B. No

**Answer: B**

#### Explanation:

The change feed is a log of changes that are organized into hourly segments but appended to and updated every few minutes. These segments are created only when there are blob change events that occur in that hour.

Instead catch the triggered event, so move the photo processing to an Azure Function triggered from the blob upload.

Reference:

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

### NEW QUESTION 93

DRAG DROP - (Topic 8)

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

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

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

#### Powershell commands

#### Answer Area

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

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

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

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

```
Get-AzSubscription
```



- A. Mastered
- B. Not Mastered

**Answer: A**

#### Explanation:

Step 1: Get-AzSubscription

If you have multiple subscriptions, you might have to specify the one that was used to create your key vault. Enter the following to see the subscriptions for your account: Get-AzSubscription

Step 2: Set-AzContext -SubscriptionId

To specify the subscription that's associated with the key vault you'll be logging, enter: Set-AzContext -SubscriptionId <subscriptionID>

Step 3: Get-AzStorageAccountKey You must get that storage account key.

Step 4: \$secretvalue = ConvertTo-SecureString <storageAccountKey> -AsPlainText -Force

Set-AzKeyVaultSecret -VaultName <vaultName> -Name <secretName> -SecretValue

\$secretvalue

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

Step 5: Get-AzKeyVaultSecret

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

Get-AzKeyVaultSecret -VaultName <vaultName>

### NEW QUESTION 96

- (Topic 8)

Your company has several containers based on the following operating systems:

- Windows Server 2019 Nano Server
- Windows Server 2019 Server Core
- Windows Server 2022 Nano Server
- Windows Server 2022 Server Core
- Linux

You plan to migrate the containers to an Azure Kubernetes cluster. What is the minimum number of node pools that the cluster must have?

- A. 1
- B. 2
- C. 3
- D. 6

Answer: C

### NEW QUESTION 100

HOTSPOT - (Topic 8)

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

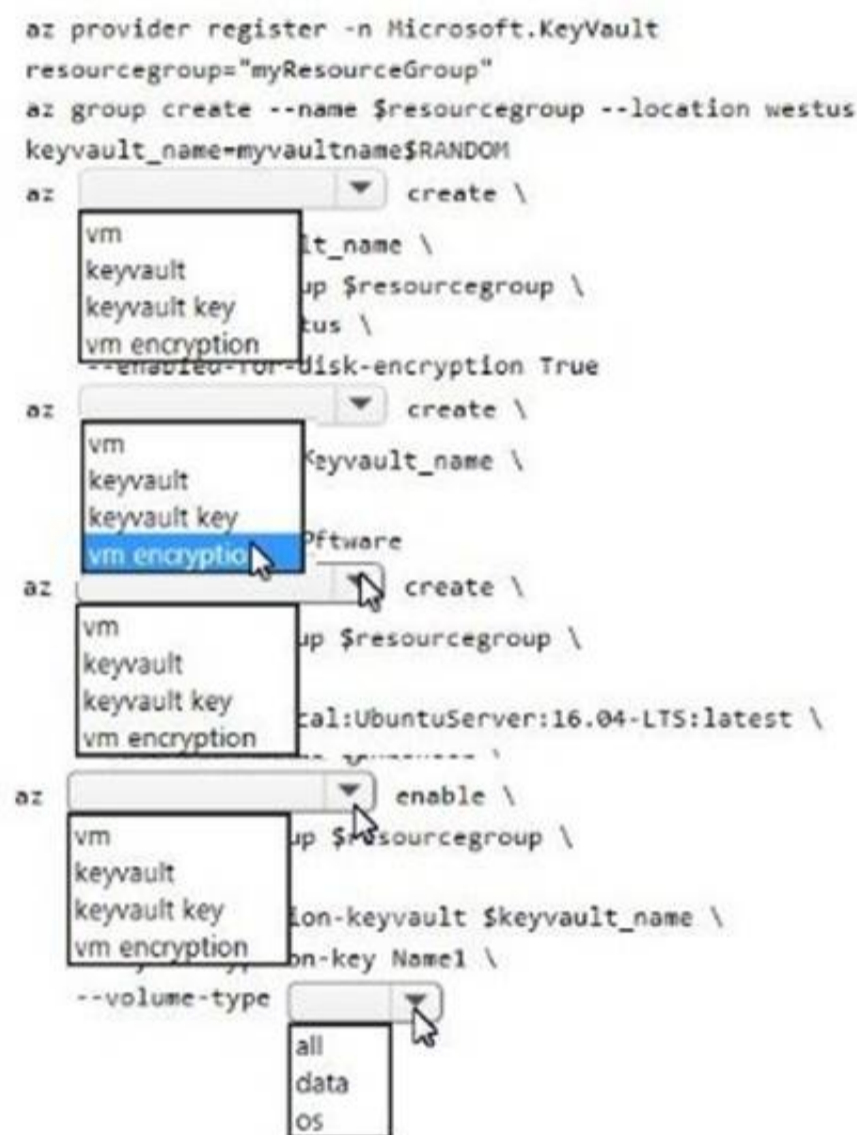
The entire VM must be secured at rest by using industry-standard encryption technology to address organizational security and compliance requirements.

You need to configure Azure Disk Encryption for the VM.

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

NOTE: Each correct selection is worth one point.

### Answer Area



- A. Mastered
- B. Not Mastered

Answer: A

### Explanation:

Box 1: keyvault

Create an Azure Key Vault with `az keyvault create` and enable the Key Vault for use with disk encryption. Specify a unique Key Vault name for `keyvault_name` as follows:

```
keyvault_name=myvaultname$RANDOM az keyvault create \
--name $keyvault_name \
--resource-group $resourcegroup \
--location eastus \
--enabled-for-disk-encryption True
```

Box 2: keyvault key

The Azure platform needs to be granted access to request the cryptographic keys when the VM boots to decrypt the virtual disks. Create a cryptographic key in your Key Vault with `az keyvault key create`. The following example creates a key named `myKey`:

```
az keyvault key create \
--vault-name $keyvault_name \
--name myKey \
--protection software
```

Box 3: vm

Create a VM with az vm create. Only certain marketplace images support disk encryption. The following example creates a VM named myVM using an Ubuntu 16.04 LTS image:

```
az vm create \
--resource-group $resourcegroup \
--name myVM \
--image Canonical:UbuntuServer:16.04-LTS:latest \
--admin-username azureuser \
--generate-ssh-keys \
```

Box 4: vm encryption

Encrypt your VM with az vm encryption enable:

```
az vm encryption enable \
--resource-group $resourcegroup \
--name myVM \
--disk-encryption-keyvault $keyvault_name \
--key-encryption-key myKey \
--volume-type all
```

Note: seems to an error in the question. Should have enable instead of create. Box 5: all

Encrypt both data and operating system.

References:

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

#### NEW QUESTION 101

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.

Azure CLI Commands	Answer Area
<div>az group create</div>	
<div>az group update</div>	
<div>az webapp update</div>	⬅
<div>az webapp create</div>	➡
<div>az appservice plan create</div>	
	⬆
	⬇

- 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 106

DRAG DROP - (Topic 8)

You have an application that provides weather forecasting data to external partners. You use Azure API Management to publish APIs.

You must change the behavior of the API to meet the following requirements:

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

Which types of policies should you implement? To answer, drag the policy types to the correct scenarios. Each policy type may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content

NOTE: Each correct selection is worth one point.

Policy types

Inbound

Outbound

Backend

Answer Area

Requirement

Rewrite the request URL to match to the format expected by the web service.

Remove formatting text from responses.

Forward the user ID that is associated with the subscription key for the original request to the back-end service.

Policy type

policy type

policy type

policy type

- A. Mastered  
B. Not Mastered

Answer: A

Explanation:

Policy types

Inbound

Outbound

Backend

Answer Area

Requirement

Rewrite the request URL to match to the format expected by the web service.

Remove formatting text from responses.

Forward the user ID that is associated with the subscription key for the original request to the back-end service.

Policy type

Outbound

Inbound

Backend

NEW QUESTION 111

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.	<input type="radio"/>	<input type="radio"/>
When the ProcessOrders function fails, the function will retry up to five times for a given order, including the first try.	<input type="radio"/>	<input type="radio"/>
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.	<input type="radio"/>	<input type="radio"/>
The ProcessOrders function will output the order to an Orders table in Azure Table Storage.	<input type="radio"/>	<input type="radio"/>

- 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 116

- (Topic 8)

You have an application that includes an Azure Web app and several Azure Function apps. Application secrets including connection strings and certificates are stored in Azure Key Vault.

Secrets must not be stored in the application or application runtime environment. Changes to Azure Active Directory (Azure AD) must be minimized.

You need to design the approach to loading application secrets. What should you do?

- A. Create a single user-assigned Managed Identity with permission to access Key Vault and configure each App Service to use that Managed Identity.
- B. Create a single Azure AD Service Principal with permission to access Key Vault and use a client secret from within the App Services to access Key Vault.
- C. Create a system assigned Managed Identity in each App Service with permission to access Key Vault.
- D. Create an Azure AD Service Principal with Permissions to access Key Vault for each App Service and use a certificate from within the App Services to access Key Vault.

**Answer: C**

#### Explanation:

Use Key Vault references for App Service and Azure Functions.

Key Vault references currently only support system-assigned managed identities. User- assigned identities cannot be used.

Reference:

<https://docs.microsoft.com/en-us/azure/app-service/app-service-key-vault-references>

### NEW QUESTION 118

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

### Answer Area

- SQLFilter
- CorrelationFilter
- No Filter

Subscription	Filter type
FutureOrders	
HighPriorityOrders	
InternationalOrders	
HighQuantityOrders	
AllOrders	

- A. Mastered
- B. Not Mastered

**Answer: A**

#### Explanation:

FutureOrders: SQLFilter HighPriorityOrders: 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 123

- (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.

The screenshot shows the 'Add HTTP setting' dialog box for an Azure Application Gateway. The 'Protocol' is set to 'HTTPS'. A message states: 'Authentication certificates are not required for trusted Azure certificates for end to end ssl to work'. The 'Port' is set to '443'. The 'Request timeout (seconds)' is set to '20'. The 'Override backend path' field is empty. The 'Use for App service' checkbox is checked. The 'Use custom probe' checkbox is also checked. The 'OK' button is at the bottom.

Reference:

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

## NEW QUESTION 127

DRAG DROP - (Topic 8)

You are developing an ASP.NET Core Web API web service that uses Azure Application Insights to monitor performance and track events. You need to enable logging and ensure that log messages can be correlated to events tracked by Application Insights. How should you complete the code? To answer, drag the appropriate code segments to the correct locations. Each code segment may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content. NOTE: Each correct selection is worth one point.

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

- A. Mastered
- B. Not Mastered

Answer: A

#### Explanation:

Box 1: ApplicationInsightsLoggerOptions

If you want to include the EventId and EventName properties, then add the following to the ConfigureServices method:  
 services.AddOptions<ApplicationInsightsLoggerOptions>().Configure(o => o.IncludeEventId = true);

Box 2: IncludeEventId

Box 3: ApplicationServices

In Asp.Net core apps it turns out that trace logs do not show up in Application Insights out of the box. We need to add the following code snippet to our Configure method in Startup.cs:

loggerFactory.AddApplicationInsights(app.ApplicationServices, logLevel);

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

#### NEW QUESTION 131

- (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 Redis 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 is 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 132

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	<div> <div>Managed identity</div> <div>Always On</div> <div>Managed identity</div> <div>Continuous deployment</div> </div>
Azure App Service pricing tier	<div> <div>Basic</div> <div>Basic</div> <div>Shared</div> <div>Standard</div> </div>

- A. Mastered
- B. Not Mastered

Answer: A

#### Explanation:

Answer Area



NEW QUESTION 134

- (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: Enable auto swap for the Testing slot. Deploy the app to the Testing slot. Does the solution meet the goal?

- A. Yes
- B. No

Answer: B

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

NEW QUESTION 139

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

Commands

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

EXPOSE . /ContosoApp/ /apps/ContosoApp

COPY . /

FROM microsoft/aspnetcore:2.0

WORKDIR /apps/ContosoApp

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

Answer Area

⏪

⏩

⏴

⏵

- A. Mastered
- B. Not Mastered

Answer: A

**Explanation:**

Step 1: WORKDIR /apps/ContosoApp

Step 2: COPY ./-

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

Step 3: EXPOSE ./ContosoApp/ /app/ContosoApp Step 4: CMD powershell ./setupScript.ps1

ENTRYPOINT ["dotnet", "ContosoApp.dll"]

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

? Call setupScript.ps1 when the container is built.

? Run ContosoApp.dll when the container starts.

References:

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

**NEW QUESTION 142**

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
NotificationHubClientSettings
NotificationHubJob
NotificationDetails
GetInstallation
CreateClientFromConnectionString
CreateOrUpdateInstallation
PatchInstallation
(notificationHubConnection, notificationHubName);
string windowsToastPayload =
@"<toast><visual><binding template=""ToastText01""><text id=""1"">" +
@"New item to view" + @"</text></binding></visual></toast>";
try
{
var result =
await hub.
SendWindowsNativeNotificationAsync
SubmitNotificationHubJobAsync
ScheduleNotificationAsync
SendAppleNativeNotificationAsync
...
}
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 145**

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; }

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

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

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

- 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 148

- (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:

? Configure and use Integrated Windows Authentication in the website.

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

Does the solution meet the goal?

A. Yes

B. No

**Answer: B**

#### Explanation:

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

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

Reference:

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

#### NEW QUESTION 153

- (Topic 8)

You are developing an application to store business-critical data in Azure Blob storage. The application must meet the following requirements:

- Data must not be modified or deleted for a user-specified interval.
- Data must be protected from overwrites and deletes.
- Data must be written once and allowed to be read many times. You need to protect the data from the Azure Blob storage account.

Which two actions should you perform? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

- A. Enable version-level immutability support for the storage account.
- B. Create an account shared-access signature (SAS).
- C. Enable point-in-time restore for containers in the storage account.
- D. Create a service shared-access signature (SAS).
- E. Enable the blob change feed for the storage account.
- F. Configure a time-based retention policy for the storage account.

**Answer: DF**

#### NEW QUESTION 158

HOTSPOT - (Topic 8)

You are developing an application that uses Azure Storage to store customer data. The data must only be decrypted by the customer and the customer must be provided a script to rotate keys.

You need to provide a script to rotate keys to the customer.

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

NOTE: Each correct selection is worth one point.

```
$h = $(az keyvault show --hsm-name _ --query "properties.hsmUri"
$х = az keyvault  list-versions --name ""
--vault-name "" key
az storage account secret
--name _ \ recover
--resource-group certificate
--resource-group _ \
--encryption-key-name _ \
--encryption-key-version $x \
--encryption-key-source 
--encryption-key-vault $!
```

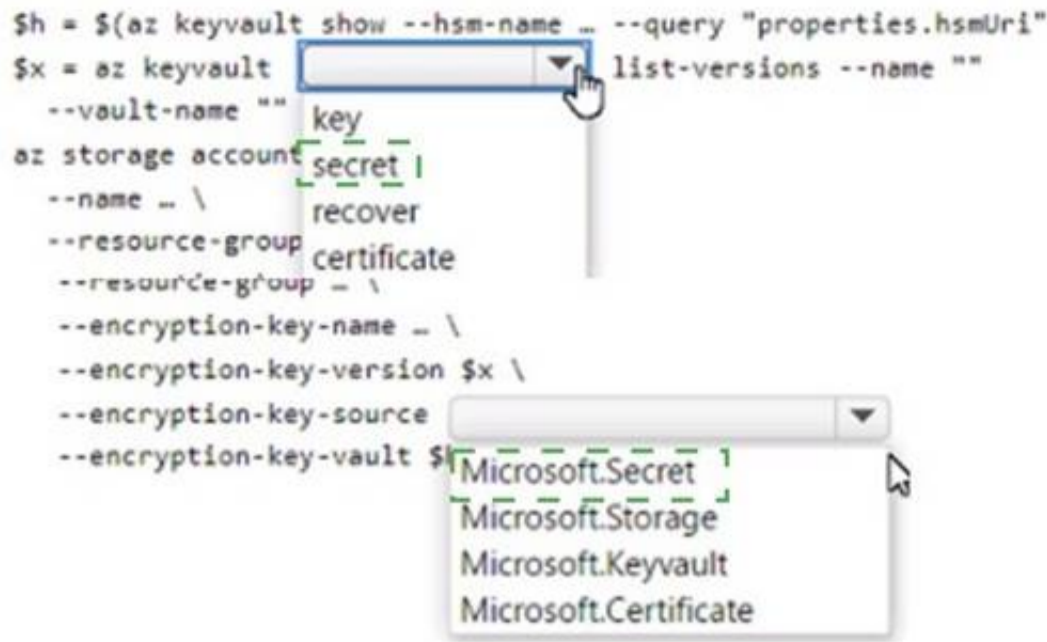
- Microsoft.Secret
- Microsoft.Storage
- Microsoft.Keyvault
- Microsoft.Certificate

A. Mastered

B. Not Mastered

**Answer: A**

**Explanation:**



```
$h = $(az keyvault show --hsm-name ... --query "properties.hsmUri")
$x = az keyvault list-versions --name ""
--vault-name ""
az storage account
--name \
--resource-group
--resource-group \
--encryption-key-name \
--encryption-key-version $x \
--encryption-key-source
--encryption-key-vault $
```

The image shows two dropdown menus. The first menu, for the vault name, has options: key, secret, recover, and certificate. The second menu, for the encryption key source, has options: Microsoft.Secret, Microsoft.Storage, Microsoft.Keyvault, and Microsoft.Certificate.

**NEW QUESTION 159**

- (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 163**

- (Topic 8)

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

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

You need to configure the Function App. What should you do?

- A. Use an App Service pla
- B. Configure the Function App to use an Azure Blob Storage input trigger.
- C. Use a Consumption pla
- D. Configure the Function App to use an Azure Blob Storage trigger.
- E. Use a Consumption pla
- F. Configure the Function App to use a Timer trigger.
- G. Use an App Service pla
- H. Configure the Function App to use an Azure Blob Storage trigger.
- I. Use a Consumption pla
- J. Configure the Function App to use an Azure Blob Storage input trigger.

**Answer:** B

**Explanation:**

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

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

Reference:

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

**NEW QUESTION 166**

- (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: Configure the Azure Web App for the website to allow only authenticated requests and require Azure AD log on.

Does the solution meet the goal?

- A. Yes

B. No

**Answer:** B

**Explanation:**

Instead in the Azure AD application's manifest, set value of the groupMembershipClaims option to All.

References:

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

**NEW QUESTION 167**

- (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 machine
- 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 machine
- 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 172**

- (Topic 8)

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

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

You need to complete the configuration.

Which Azure CLI or PowerShell command should you run?

- A. `az servicebus queue create --resource-group fridge-rg --namespace-name fridge-ns --name fridge-q`
- B. `New-AzureRmResourceGroup -Name fridge-rg -Location fridge-loc`
- C. `New-AzureRmServiceBusNamespace -ResourceGroupName fridge-rg -NamespaceName fridge-loc -Location fridge-loc`
- D. `connectionString=$(az servicebus namespace authorization-rule keys list --resource-group fridge-rg --fridge-ns fridge-ns --query primaryConnectionString -output tsv)`

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

**Answer:** A

**Explanation:**

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

Note: Steps:

Step 1: # Create a resource group resourceGroupName="myResourceGroup"

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

Step 2: # Create a Service Bus messaging namespace with a unique name namespaceName=myNameSpace\$RANDOM

`az servicebus namespace create --resource-group $resourceGroupName --name`

`$namespaceName --location eastus`

Step 3: # Create a Service Bus queue

`az servicebus queue create --resource-group $resourceGroupName --namespace-name`

`$namespaceName --name BasicQueue`

Step 4: # Get the connection string for the namespace

`connectionString=$(az servicebus namespace authorization-rule keys list --resource-group`

`$resourceGroupName --namespace-name $namespaceName --name RootManageSharedAccessKey --query primaryConnectionString --output tsv)`

Reference:

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

### NEW QUESTION 177

- (Topic 8)

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

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

You develop Azure solutions.

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

You need to obtain an Azure Resource Manager access token.

Solution: Use an X.509 certificate to authenticate the VM with Azure Resource Manager. Does the solution meet the goal?

A. Yes

B. No

**Answer: B**

#### Explanation:

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

Reference:

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

### NEW QUESTION 182

DRAG DROP - (Topic 8)

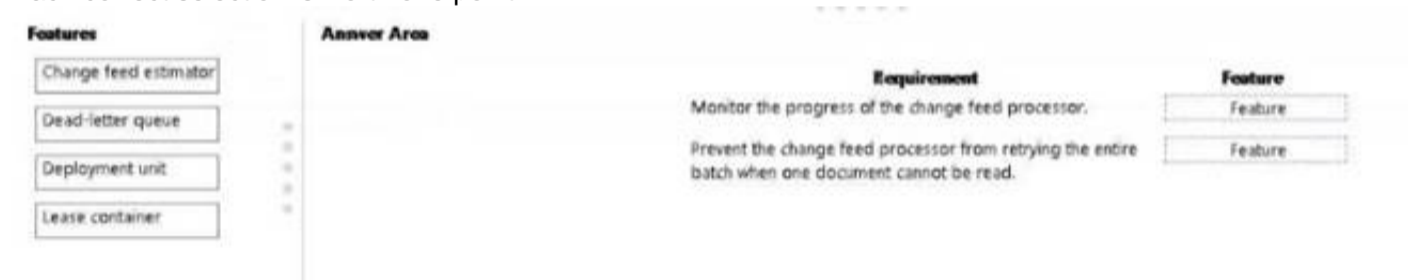
You are Implementing an Azure solution that uses Azure Cosmos DB and the latest Azure Cosmos DB SDK. You add a change feed processor to a new container instance.

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

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

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

Each correct selection is worth one point

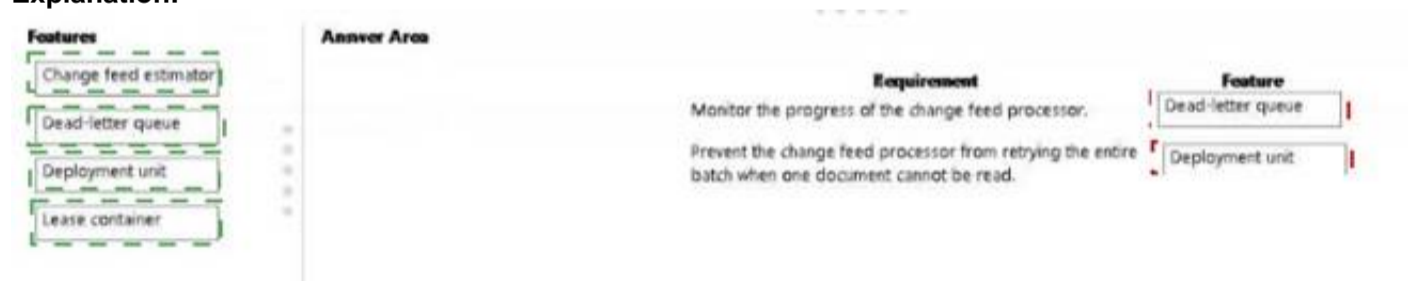


A. Mastered

B. Not Mastered

**Answer: A**

#### Explanation:



### NEW QUESTION 187

HOTSPOT - (Topic 8)

You are developing an application that use an Azure blob named data to store application data. The application creates blob snapshots to allow application state to be reverted to an earlier state. The Azure storage account has soft deleted enabled.

The system performs the following operations in order:

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

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

You need to determine which application states can be restored.

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

NOTE: Each correct selection is worth one point.

Application State	Restorability
Data blob	<div><div></div><div>Can be restored</div><div>Cannot be restored</div></div>
Snapshot 1	<div><div></div><div>Can be restored</div><div>Cannot be restored</div></div>
Snapshot 2	<div><div></div><div>Can be restored</div><div>Cannot be restored</div></div>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: Can be restored  
When enabled, soft delete enables you to save and recover your data when blobs or blob snapshots are deleted. This protection extends to blob data that is erased as the result of an overwrite.  
Box 2: Cannot be restored It has been deleted.  
Box 3: Can be restored It has not been deleted.  
References:  
<https://docs.microsoft.com/en-us/azure/storage/blobs/storage-blob-soft-delete>

NEW QUESTION 189

HOTSPOT - (Topic 8)  
You are building an application that stores sensitive customer data in Azure Blob storage.  
The data must be encrypted with a key that is unique for each customer.  
If the encryption key has been corrupted it must not be used for encryption. You need to ensure that the blob is encrypted.  
How should you complete the code segment? To answer, select the appropriate options in the answer area.  
NOTE: Each correct selection is worth one point.

Answer Area

```
from azure.storage.blob import BlobServiceClient

from azure.storage.blob.aio import BlobType x = BlobType(key, verify)
from azure.storage.blob import BlobSasPermissions x = BlobSasPermissions.from_string(key + verify)
from azure.storage.blob import CustomerProvidedEncryptionKey x = CustomerProvidedEncryptionKey(key, verify)
from azure.core.configuration import Configuration x = Configuration(key, verify)

if x.tag == verify:
    if x.makeitrans == verify:
        if x.EncryptionKeyHash == verify:
            if x.proxy_policy == verify:

bsc = BlobServiceClient("", credential = creds)
c = bsc.get_blob_client("con", Blob)

c.upload_blob(data, pa=x)
c.upload_blob(data, bt=x)
c.upload_blob(data, bsp=x)
c.upload_blob(data, cpk=x)
```

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

```
from azure.storage.blob import BlobServiceClient

from azure.storage.blob.aio import BlobType, BlobType(key, verify)
from azure.storage.blob import BlobSasPermissions, BlobSasPermissions.from_string(key + verify)
from azure.storage.blob import CustomerProvidedEncryptionKey, CustomerProvidedEncryptionKey(key, verify)
from azure.core.configuration import Configuration, Configuration(key, verify)

if x.tag == verify:
    if x.make_tras == verify:
        if x.EncryptionKeyHash == verify:
            if x.proxy_policy == verify:
                creds = creds

bsc = BlobServiceClient("", credential = creds)
c = bsc.get_blob_client("con", blob)

c.upload_blob(data, pa=x)
c.upload_blob(data, bf=x)
c.upload_blob(data, bsp=x)
c.upload_blob(data, cpk=x)
```

## NEW QUESTION 191

- (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: Disable auto swap. Update the app with a method named statuscheck to run the scripts. Re-enable auto swap and deploy the app to the Production slot. Does the solution meet the goal?

- A. Yes
- B. No

Answer: B

### Explanation:

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

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

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

Reference:

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

## NEW QUESTION 192

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.

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)

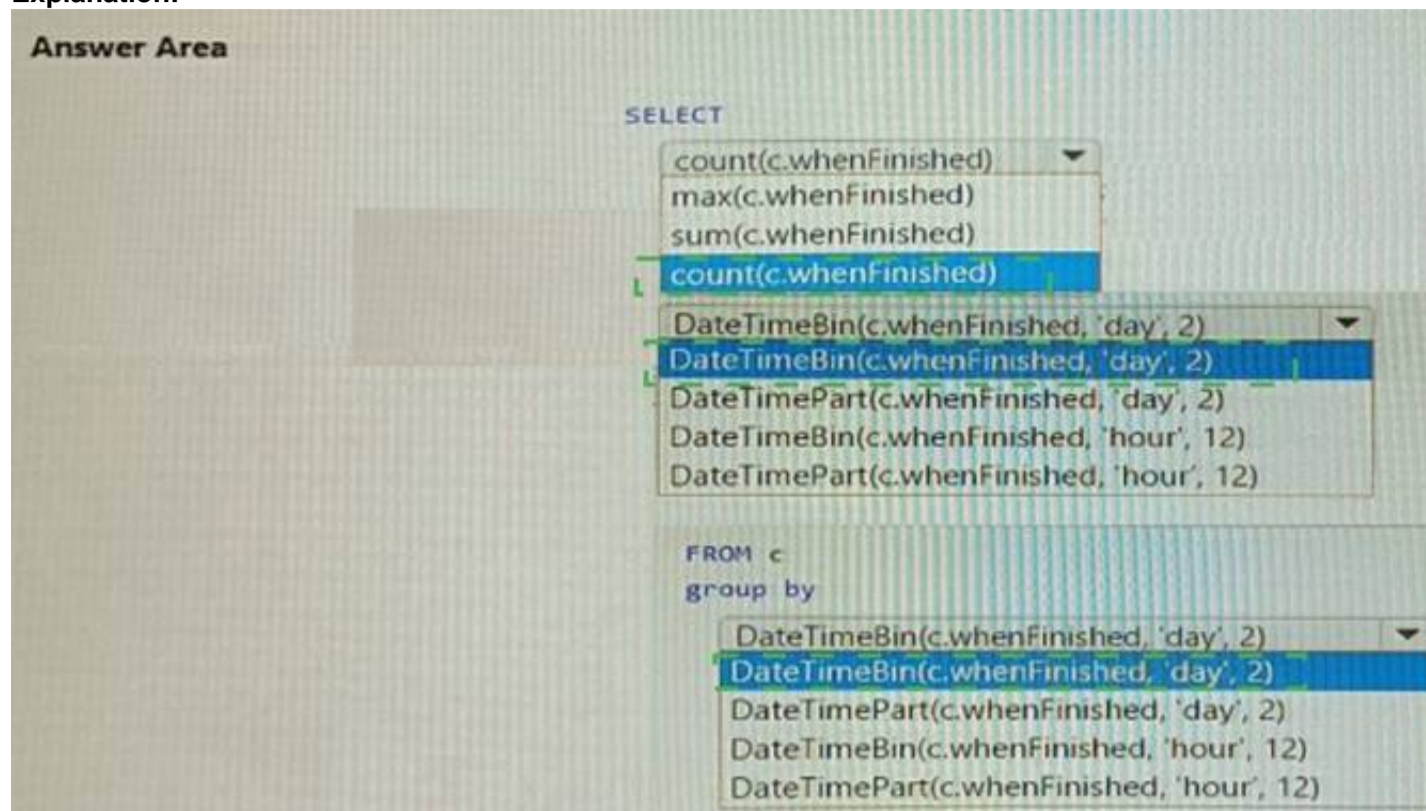
FROM c  
group by

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)

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:



#### NEW QUESTION 195

- (Topic 8)

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

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

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

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

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

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

Does the solution meet the goal?

- A. Yes
- B. No

Answer: A

Explanation:

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

References:

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

#### NEW QUESTION 199

- (Topic 8)

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

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

You need to obtain an access token that uses the VMs system-assigned managed identity. Which two actions should you perform? Each correct answer presents part of the solution.

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

Answer: BC

#### NEW QUESTION 200

HOTSPOT - (Topic 8)

A company is developing a Node.js web app. The web app code is hosted in a GitHub repository located at <https://github.com/TailSpinToys/weapp>.

The web app must be reviewed before it is moved to production. You must deploy the initial code release to a deployment slot named review. You need to create the web app and deploy the code.

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

NOTE: Each correct selection is worth one point.

```
$gitrepo="https://github.com/TailSpinToys/webapp"
$webappname="TailSpinToysWeb"
$location="WestUS2"

New-AzWebAppSlot -Name myResourceGroup -Location $location
New-AzWebApp
New-AzAppServicePlan
New-AzResourceGroup

New-AzWebAppSlot -Name $webappname -Location $location -ResourceGroupName myResourceGroup -Tier Standard
New-AzWebApp
New-AzAppServicePlan
New-AzResourceGroup

New-AzWebAppSlot -Name $webappname -Location $location -AppServicePlan $webappname -ResourceGroupName myResourceGroup
New-AzWebApp
New-AzAppServicePlan
New-AzResourceGroup

New-AzWebAppSlot -Name $webappname -ResourceGroupName myResourceGroup -Slot review
New-AzWebApp
New-AzAppServicePlan
New-AzResourceGroup

$PropertiesObject = @(repoUrl = "$gitrepo";branch = "master";)
Set-AzResource -PropertyObject $PropertiesObject -ResourceGroupName myResourceGroup -ResourceType
Microsoft.Web/sites/slots/sourcecontrols -ResourceName $webappname/review/web -ApiVersion 2015-08-01 -Force
Switch-AzWebAppSlot -Name $webappname -ResourceGroupName myResourceGroup `
-SourceSlotName review -DestinationSlotName production
```

- A. Mastered  
 B. Not Mastered

**Answer:** A

#### Explanation:

The New-AzResourceGroup cmdlet creates an Azure resource group.

The New-AzAppServicePlan cmdlet creates an Azure App Service plan in a given location The New-AzWebApp cmdlet creates an Azure Web App in a given a resource group

The New-AzWebAppSlot cmdlet creates an Azure Web App slot.

References:

<https://docs.microsoft.com/en-us/powershell/module/az.resources/new-azresourcegroup?view=azps-2.3.2>

<https://docs.microsoft.com/en-us/powershell/module/az.websites/new-azappserviceplan?view=azps-2.3.2>

<https://docs.microsoft.com/en-us/powershell/module/az.websites/new-azwebapp?view=azps-2.3.2>

<https://docs.microsoft.com/en-us/powershell/module/az.websites/new-azwebappslot?view=azps-2.3.2>

#### NEW QUESTION 202

- (Topic 8)

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

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

You develop an HTTP triggered Azure Function app to process Azure Storage blob data. The app is triggered using an output binding on the blob.

The app continues to time out after four minutes. The app must process the blob data. You need to ensure the app does not time out and processes the blob data.

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

Does the solution meet the goal?

- A. Yes  
 B. No

**Answer:** B

#### Explanation:

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

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

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

Reference:

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

#### NEW QUESTION 206

- (Topic 8)

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

The company has the following requirements:

? Every five minutes verify that the websites are responsive.

? Verify that the websites respond within a specified time threshold. Dependent requests such as images and JavaScript files must load properly.

? Generate alerts if a website is experiencing issues.

? If a website fails to load, the system must attempt to reload the site three more times.

You need to implement this process with the least amount of effort. What should you do?

D18912E1457D5D1DDCBD40AB3BF70D5D

- A. Create a Selenium web test and configure it to run from your workstation as a scheduled task.  
 B. Set up a URL ping test to query the home page.  
 C. Create an Azure function to query the home page.  
 D. Create a multi-step web test to query the home page.  
 E. Create a Custom Track Availability Test to query the home page.

**Answer:** D

**Explanation:**

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

Reference:

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

**NEW QUESTION 207**

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**

**Answer Area**

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.



- 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 210**

- (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 215**

- (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 217**

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. [v] ();
    app. [v] ();
    app. [v] ();
    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 218

- (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.

SCHEMA	TABLE	COLUMN	
SalesLT	Customer	FirstName	ADD MASK
SalesLT	Customer	LastName	ADD MASK
SalesLT	Customer	EmailAddress	ADD MASK
SalesLT	Customer	Phone	ADD MASK
SalesLT	CustomerAddress	AddressID	ADD MASK

References:

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

### NEW QUESTION 223

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 permission on the containers that store photographs. You assign users to RBAC role.

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 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.

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

References:

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

**NEW QUESTION 227**

- (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 229**

HOTSPOT - (Topic 8)

You are developing a content management application for technical manuals. The application is deployed as an Azure Static Web app.

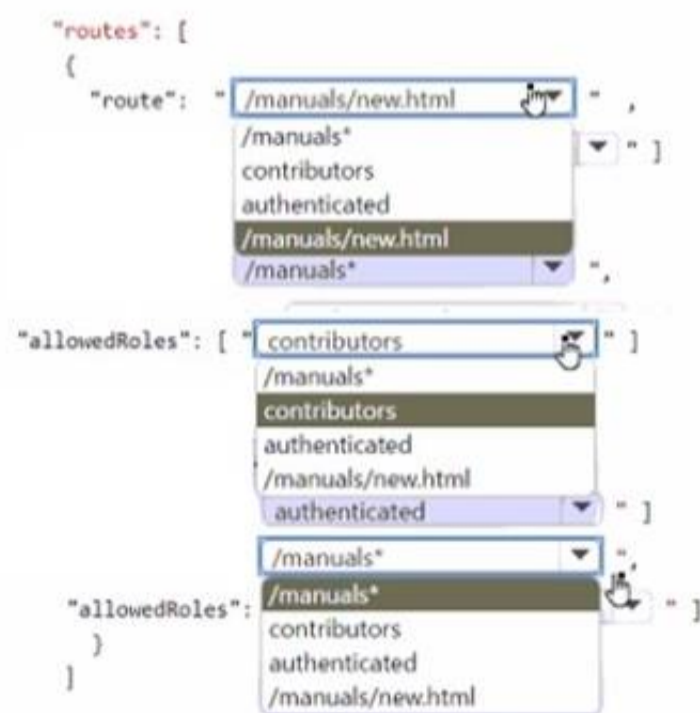
Authenticated users can view pages under /manuals but only contributors can access the page /manuals/new.html.

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**



- A. Mastered  
B. Not Mastered

Answer: A

Explanation:

Answer Area



### NEW QUESTION 232

- (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 234

- (Topic 8)

D18912E1457D5D1DDCBD40AB3BF70D5D

You are building a website that uses Azure Blob storage for data storage. You configure Azure Blob storage lifecycle to move all blobs to the archive tier after 30 days.

Customers have requested a service-level agreement (SLA) for viewing data older than 30 days.

You need to document the minimum SLA for data recovery. Which SLA should you use?

- A. at least two days
- B. between one and 15 hours
- C. at least one day
- D. between zero and 60 minutes

Answer: B

Explanation:

The archive access tier has the lowest storage cost. But it has higher data retrieval costs compared to the hot and cool tiers. Data in the archive tier can take several hours to retrieve depending on the priority of the rehydration. For small objects, a high priority rehydrate may retrieve the object from archive in under 1 hour.

Reference:

<https://docs.microsoft.com/en-us/azure/storage/blobs/storage-blob-storage-tiers?tabs=azure-portal>

### NEW QUESTION 237

DRAG DROP - (Topic 8)

You are preparing to deploy an application to an Azure Kubernetes Service (AKS) cluster. The application must only be available from within the VNet that includes the cluster.

You need to deploy the application.

How should you complete the deployment YAML? To answer, drag the appropriate YAML segments to the correct locations. Each YAML segment may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Code segments

Ingress

Service

LoadBalancer

Deployment

ingress.class

azure-load-balancer-internal

**Answer Area**

```

apiVersion: v1
kind: Code segment
metadata:
  name: web-app
  annotations:
    service.beta.kubernetes.io/azure-load-balancer-internal: "true"
spec:
  type: Code segment
  ports:
    - port: 80
  selector:
    app: web-app

```

- A. Mastered  
 B. Not Mastered

**Answer:** A

**Explanation:**

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

YAML:

apiVersion: v1 kind: Service metadata:

name: internal-app annotations:

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

type: LoadBalancer ports:

- port: 80 selector:

app: internal-app

References:

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

**NEW QUESTION 239**

DRAG DROP - (Topic 8)

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

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

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

**Actions**

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

Run the Azure PowerShell command `Set-AzureRmVMDiskEncryptionExtension`.

Run the Azure PowerShell command `Set-AzureRmVMOsdisk`.

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

Run the Azure PowerShell command `New-AzureRmVM`.

**Answer area**

>

<

↑

↓

A. Mastered  
 B. Not Mastered

**Answer:** A

**Explanation:**

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

Step 2: Run the Azure PowerShell command Set-AzureRmVMOsdisk

To use an existing disk instead of creating a new disk you can use the Set- AzureRMVMOsdisk command.

Example:

\$osDiskName = \$vmname+'\_osDisk'

\$osDiskCaching = 'ReadWrite'

\$osDiskVhdUri = "https://\$storage.blob.core.windows.net/vhds/" + \$vmname + "\_os.vhd"

\$vm = Set-AzureRmVMOsdisk -VM \$vm -VhdUri \$osDiskVhdUri -name \$osDiskName - Create

Step 3: Run the Azure PowerShell command Set-AzureRmVMDiskEncryptionExtension Use the Set-AzVMDiskEncryptionExtension cmdlet to enable encryption on a running IaaS virtual machine in Azure.

Incorrect:

Not TPM: BitLocker can work with or without a TPM. A TPM is a tamper resistant security chip on the system board that will hold the keys for encryption and check the integrity of the boot sequence and allows the most secure BitLocker implementation. A VM does not have a TPM.

References:

Passing Certification Exams Made Easy

visit - <https://www.2PassEasy.com>

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

### NEW QUESTION 243

DRAG DROP - (Topic 8)

You develop and deploy a web app to Azure App Service in a production environment. You scale out the web app to four instances and configure a staging slot to support changes.

You must monitor the web app in the environment to include the following requirements:

- Increase web app availability by re-routing requests away from instances with error status codes and automatically replace instances if they remain in an error state after one hour.
- Send web server logs, application logs, standard output and standard error messaging to an Azure Storage blob account.

You need to configure Azure App Service.

Which values should you use? To answer, drag the appropriate configuration value to the correct requirements. Each configuration value may be used once, more than....

Configuration values		Requirement	Configuration value
Health check		Increase availability	
Diagnostic setting		Send logs	
Deployment slot			
Autoscale rule			
Zone redundancy			

- A. Mastered  
B. Not Mastered

Answer: A

### Explanation:

Configuration values		Requirement	Configuration value
Health check		Increase availability	Autoscale rule
Diagnostic setting		Send logs	Zone redundancy
Deployment slot			
Autoscale rule			
Zone redundancy			

### NEW QUESTION 247

- (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 Contributor 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=azurerm-ps-6.13.0>

### NEW QUESTION 252

- (Topic 8)

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

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

You develop Azure solutions.

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

You need to obtain an Azure Resource Manager access token.

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

Does the solution meet the goal?

- A. Yes  
B. No

Answer: A

#### Explanation:

Get an access token using the VM's system-assigned managed identity and use it to call Azure Resource Manager

You will need to use PowerShell in this portion.

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

? Enter in your Username and Password for which you added when you created the

Windows VM.

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

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

Example:

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

Reference:

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

#### NEW QUESTION 256

HOTSPOT - (Topic 8)

You are developing an app that manages users for a video game. You plan to store the region, email address, and phone number for the player. Some players may not have a phone number. The player's region will be used to load-balance data.

Data for the app must be stored in Azure Table Storage.

You need to develop code to retrieve data for an individual player.

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

NOTE: Each correct selection is worth one point.

```
public class PlayerEntity : TableEntity
{
    public PlayerEntity()
    {
    }
    public PlayerEntity(string region, string email)
    {
        PartitionKey =   ;
        

|        |
|--------|
| email  |
| phone  |
| region |


        RowKey=   ;
        

|        |
|--------|
| email  |
| phone  |
| region |


    }
    public string Phone { get; set; }
}
public class Player
{
    protected PlayerEntity player;
    async void GetPlayer(string cs,   table, string pk, string rk)
    {
        

|                    |
|--------------------|
| CloudTable         |
| CloudTableClient   |
| TableEntity        |
| TableEntityAdapter |


        {
            

|                                                                        |
|------------------------------------------------------------------------|
| <input type="text"/> <input type="button" value="▼"/>                  |
| TableEntity query = TableEntity.Retrieve<PlayerEntity>(pk, rk);        |
| TableOperation query = TableOperation.Retrieve<PlayerEntity>(pk, rk);  |
| TableResult query = TableQuery.Retrieve<PlayerEntity>(pk, rk);         |
| TableResultSegment query = TableResult.Retrieve<PlayerEntity>(pk, rk); |



|                                                        |
|--------------------------------------------------------|
| <input type="text"/> <input type="button" value="▼"/>  |
| TableEntity data = await table.ExecuteAsync(query);    |
| TableOperation data = await table.ExeucteAsync(query); |
| TableQuery data = await table.ExecuteAsync(query);     |
| TableResult data = await table.ExecuteAsync(query);    |


            player = data.Result as PlayerEntity;
        }
    }
}
```

- A. Mastered
- B. Not Mastered

Answer: A

#### Explanation:

Box 1: region

The player's region will be used to load-balance data. Choosing the PartitionKey.

The core of any table's design is based on its scalability, the queries used to access it, and storage operation requirements. The PartitionKey values you choose will dictate how a table will be partitioned and the type of queries that can be used. Storage operations, in particular inserts, can also affect your choice of PartitionKey values.

Box 2: email

Not phone number some players may not have a phone number. Box 3: CloudTable

Box 4 : TableOperation query =..

Box 5: TableResult

References:

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

#### NEW QUESTION 258

HOTSPOT - (Topic 8)

You are developing an Azure Function app.

The Azure Function app must enable a WebHook to read an image from Azure Blob Storage and create a new Azure Cosmos DB document.

You need to implement the Azure Function app.

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

NOTE: Each correct selection is worth one point.

Answer Area

Trigger	Input binding	Output binding
Blob Storage	Blob Storage	Azure Cosmos DB
HTTP	HTTP	HTTP
Timer	Timer	Timer
Blob Storage	Blob Storage	Blob Storage
Azure Cosmos DB	Azure Cosmos DB	Azure Cosmos DB

A. Mastered

B. Not Mastered

Answer: A

Explanation:

Answer Area

Trigger	Input binding	Output binding
Blob Storage	Blob Storage	Azure Cosmos DB
HTTP	HTTP	HTTP
Timer	Timer	Timer
Blob Storage	Blob Storage	Blob Storage
Azure Cosmos DB	Azure Cosmos DB	Azure Cosmos DB

#### NEW QUESTION 259

- (Topic 8)

You are developing a Java application to be deployed in Azure. The application stores sensitive data in Azure Cosmos DB. You need to configure Always Encrypted to encrypt the sensitive data inside the application. What should you do first?

A. Create a customer-managed key (CMK) and store the key in a new Azure Key Vault instance.

B. Create an Azure AD managed identity and assign the identity to a new Azure Key Vault instance.

C. Create a data encryption key (DEK) by using the Azure Cosmos DB SDK and store the key in Azure Cosmos DB.

D. Create a new container to include an encryption policy with the JSON properties to be encrypted.

Answer: A

#### NEW QUESTION 261

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 264

- (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 DB API should you use for the application?

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

Answer: D

## NEW QUESTION 266

- (Topic 8)

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

You need to analyze app uptime for each month.

Which two solutions will achieve the goal? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. Application Insights alerts
- B. Application Insights web tests
- C. Azure Monitor logs
- D. Azure Monitor metrics

Answer: AC

Explanation:

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

NEW QUESTION 271

DRAG DROP - (Topic 8)

You are developing a REST web service. Customers will access the service by using an Azure API Management instance. The web service does not correctly handle conflicts. Instead of returning an HTTP status code of 409, the service returns a status code of 500. The body of the status message contains only the word conflict. You need to ensure that conflicts produce the correct response. How should you complete the policy? 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.

Policy segments

server

context

on-error

set-status

when-error

override-status

Answer Area

< Policy segment >

<base />

<choose>

<when condition = " @ Policy segment .Response.StatusCode == 500

&& Policy segment .LastError.Message.Contains

<return-response>

< Policy segment >

</return-response>

</when>

<otherwise />

</choose>

< Policy segment >

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: on-error  
Policies in Azure API Management are divided into inbound, backend, outbound, and on- error. If there is no on-error section, callers will receive 400 or 500 HTTP response messages if an error condition occurs.  
Box 2: context  
Box 3: context  
Box 4: set-status  
The return-response policy aborts pipeline execution and returns either a default or custom response to the caller. Default response is 200 OK with no body. Custom response can be specified via a context variable or policy statements. Syntax:  
<return-response response-variable-name="existing context variable">  
<set-header/>  
<set-body/>  
<set-status/>  
</return-response> Box 5: on-error

NEW QUESTION 276

DRAG DROP - (Topic 8)

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

Commands

FROM microsoft/aspnetcore:latest

WORKDIR /apps/ContosoApp

CMD ["dotnet", "ContosoApp.dll"]

COPY ./ .

RUN powershell ./setupScript.ps1

Answer Area

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: CMD [..]

Cmd starts a new instance of the command interpreter, Cmd.exe. Syntax: CMD <string>  
Specifies the command you want to carry out. Box 2: FROM microsoft/aspnetcore-build:latest Box 3: WORKDIR /apps/ContosoApp  
Box 4: COPY ./.  
Box 5: RUN powershell ./setupScript.ps1

NEW QUESTION 277

HOTSPOT - (Topic 8)  
You develop and deploy an Azure App Service web app that connects to Azure Cache for Redis as a content cache. An resources have been deployed to East US 2 region.  
The security team requires the from Azure Cache for Redis:  
The number of Redis client connections from an associated IP address. Redis operations completed on the content cache.  
The location (region) in which the Azure Cache for Redis instance was accessed.  
The audit information must be captured and analyzed by a security team application deployed to Central US region  
You need to log information on all client corrections to the cache. Which configuration values should you use?

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

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

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

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 281  
.....

## THANKS FOR TRYING THE DEMO OF OUR PRODUCT

Visit Our Site to Purchase the Full Set of Actual AZ-204 Exam Questions With Answers.

We Also Provide Practice Exam Software That Simulates Real Exam Environment And Has Many Self-Assessment Features. Order the AZ-204 Product From:

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

## Money Back Guarantee

### **AZ-204 Practice Exam Features:**

- \* AZ-204 Questions and Answers Updated Frequently
- \* AZ-204 Practice Questions Verified by Expert Senior Certified Staff
- \* AZ-204 Most Realistic Questions that Guarantee you a Pass on Your FirstTry
- \* AZ-204 Practice Test Questions in Multiple Choice Formats and Updatesfor 1 Year