AZ-204 Dumps

Developing Solutions for Microsoft Azure (beta)

https://www.certleader.com/AZ-204-dumps.html

NEW QUESTION 1
- (Exam Topic 1)
You need to secure the Shipping Logic App. What should you use?

A. Azure App Service Environment (ASE)
B. Azure AD B2B integration
C. Integration Service Environment (ISE)
D. VNet service endpoint

Answer: C

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

NEW QUESTION 2
- (Exam Topic 1)
You need to resolve the Shipping web site error.
How should you configre the Azure Table Storage service? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

```xml
<?xml version="1.0" encoding="utf-8"?>
<StorageServiceProperties>
    ...
    <Cors>
    <CorsRule>
```

<	[▼] >	[▼] </	[▼] >
	AllowedHeaders	http://*.wideworldimporters.com	AllowedHeaders
	ExposedHeaders	http://test.wideworldimporters.com	ExposedHeaders
	AllowedMethods	http://test-shippingapi.wideworldimporters.com	AllowedMethods
	AllowedOrigins	http://www.wideworldimporters.com	AllowedOrigins

```
<AllowedMethods> [ ▼ ] </AllowedMethods>
```

GET,PUT
GET
POST
GET,HEAD

```
    ...
    </CorsRule>
    </Cors>
</StorageServiceProperties>
```

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: AllowedOrigins
A CORS request will fail if Access-Control-Allow-Origin is missing. Scenario:
The following error message displays while you are testing the website:

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

Box 2: http://test-shippingapi.wideworldimporters.com Syntax: Access-Control-Allow-Origin: *
Access-Control-Allow-Origin: <origin> Access-Control-Allow-Origin: null
<origin> Specifies an origin. Only a single origin can be specified. Box 3: AllowedOrigins
Box 4: POST
The only allowed methods are GET, HEAD, and POST. In this case POST is used. "<Corsrule>" "allowedmethods" Failed to load no "Access-control-Origin"
header is present References:
https://developer.mozilla.org/en-US/docs/Web/HTTP/Headers/Access-Control-Allow-Origin

NEW QUESTION 3
- (Exam Topic 1)
You need to configure Azure CDN for the Shipping web site.
Which configuration options should you use? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

Answer Area

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

A. Mastered
B. Not Mastered

Answer: A

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

NEW QUESTION 4
- (Exam Topic 1)
You need to configure Azure App Service to support the REST API requirements.
Which values should you use? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

Setting	Value
Plan	

Basic
Standard
Premium
Isolated

| Instance Count | |

1
10
20
100

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Plan: Standard
Standard support auto-scaling Instance Count: 10
Max instances for standard is 10. Scenario:
The REST API's that support the solution must meet the following requirements:

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

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

≫ Minimize costs when selecting an Azure payment model. References:
https://azure.microsoft.com/en-us/pricing/details/app-service/plans/

NEW QUESTION 5
- (Exam Topic 1)
You need to support the requirements for the Shipping Logic App.
What should you use?

A. Azure Active Directory Application Proxy
B. Point-to-Site (P2S) VPN connection
C. Site-to-Site (S2S) VPN connection
D. On-premises Data Gateway

Answer: D

Explanation:
Before you can connect to on-premises data sources from Azure Logic Apps, download and install the on-premises data gateway on a local computer. The gateway works as a bridge that provides quick data transfer and encryption between data sources on premises (not in the cloud) and your logic apps.
The gateway supports BizTalk Server 2016.
Note: Microsoft have now fully incorporated the Azure BizTalk Services capabilities into Logic Apps and Azure App Service Hybrid Connections.
Logic Apps Enterprise Integration pack bring some of the enterprise B2B capabilities like AS2 and X12, EDI standards support
Scenario: The Shipping Logic app must meet the following requirements:

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

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

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

≫ Maintain on-premises connectivity to support legacy applications and final BizTalk migrations.
Reference:
https://docs.microsoft.com/en-us/azure/logic-apps/logic-apps-gateway-install

NEW QUESTION 6
- (Exam Topic 3)
You use Azure Table storage to store customer information for an application. The data contains customer details and is partitioned by last name. You need to create a query that returns all customers with the last name Smith. Which code segment should you use?

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

Answer: C

Explanation:
Retrieve all entities in a partition. The following code example specifies a filter for entities where 'Smith' is the partition key. This example prints the fields of each entity in the query results to the console.
Construct the query operation for all customer entities where PartitionKey="Smith". TableQuery<CustomerEntity> query = new
TableQuery<CustomerEntity>().Where(TableQuery.GenerateFilterCondition("PartitionKey",
QueryComparisons.Equal, "Smith"));
References:
https://docs.microsoft.com/en-us/azure/cosmos-db/table-storage-how-to-use-dotnet

NEW QUESTION 7
- (Exam Topic 3)
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution 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 8
- (Exam Topic 3)
A company is developing a Java web app. The web app code is hosted in a GitHub repository located at https://github.com/Contoso/webapp.
The web app must be evaluated before it is moved to production. You must deploy the initial code release to a deployment slot named staging.
You need to create the web app and deploy the code.
How should you complete the commands? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

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

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

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

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

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

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

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: group
Create a resource group.
az group create --location westeurope --name myResourceGroup
Box 2: appservice plan
Create an App Service plan in STANDARD tier (minimum required by deployment slots). az appservice plan create --name $webappname --resource-group myResourceGroup --sku S1 Box 3: webapp
Create a web app.
az webapp create --name $webappname --resource-group myResourceGroup \
--plan $webappname
Box 4: webapp deployment slot
#Create a deployment slot with the name "staging".
az webapp deployment slot create --name $webappname --resource-group myResourceGroup \
--slot staging
Box 5: webapp deployment source
Deploy sample code to "staging" slot from GitHub.
az webapp deployment source config --name $webappname --resource-group myResourceGroup \
--slot staging --repo-url $gitrepo --branch master --manual-integration References:
https://docs.microsoft.com/en-us/azure/app-service/scripts/cli-deploy-staging-environment

NEW QUESTION 9
- (Exam Topic 3)
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.
After you answer a question in this question, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.
Margie's Travel is an international travel and bookings management service. The company is expanding into restaurant bookings. You are tasked with implementing Azure Search for the restaurants listed in their solution.
You create the index in Azure Search.
You need to import the restaurant data into the Azure Search service by using the Azure Search .NET SDK. Solution:
* 1. Create a SearchIndexClient object to connect to the search index.
* 2. Create a DataContainer that contains the documents which must be added.
* 3. Create a DataSource instance and set its Container property to the DataContainer.
* 4. Call the Documents.Suggest method of the SearchIndexClient and pass the DataSource. Does the solution meet the goal?

A. Yes
B. No

Answer: B

Explanation:
Use the following method:
* 1. - Create a SearchIndexClient object to connect to the search index
* 2. - Create an IndexBatch that contains the documents which must be added.
* 3. - Call the Documents.Index method of the SearchIndexClient and pass the IndexBatch. References:
https://docs.microsoft.com/en-us/azure/search/search-howto-dotnet-sdk

NEW QUESTION 10
- (Exam Topic 3)
You develop a web app that uses tier D1 app service plan by using the Web Apps feature of Microsoft Azure App Service.
Spikes in traffic have caused increases in page load times.
You need to ensure that the web app automatically scales when CPU load is about 85 percent and minimize costs.
Which four actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.
NOTE: More than one order of answer choices is correct. You will receive credit for any of the correct orders you select.

Actions

| Configure the web app to the Premium App Service tier. |

| Configure the web app to the Standard App Service tier. |

| Enable autoscaling on the web-app. |

| Add a Scale rule. |

| Switch to an Azure App Services consumption plan. |

| Configure a Scale condition. |

Answer Area

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Step 1: Configure the web app to the Standard App Service Tier
The Standard tier supports auto-scaling, and we should minimize the cost. Step 2: Enable autoscaling on the web app
First enable autoscale Step 3: Add a scale rule
Step 4: Add a Scale condition Reference:
https://docs.microsoft.com/en-us/azure/monitoring-and-diagnostics/monitoring-autoscale-get-started

NEW QUESTION 10
- (Exam Topic 3)
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│
                                └──────────────────┘
{
                                                              ▼
    ┌────────────────────────────────────────────────────────────┐
    │ TableEntity query =TableEntity.Retrieve<PlayerEntity>(pk, rk);│
    │ TableOperation query =TableOperation.Retrieve<PlayerEntity>(pk,rk);│
    │ TableResult query =TableQuery.Retrieve<PlayerEntity>(pk,rk);│
    │ TableResultSegment query =TableResult.Retrieve<PlayerEntity>(pk, rk);│
    └────────────────────────────────────────────────────────────┘
                                              ▼
    ┌────────────────────────────────────────────────┐
    │ TableEntity data =await table.ExecuteAsync(query);│
    │ TableOperation data =await table.ExeucteAsync(query);│
    │ TableQuery data =await table.ExecuteAsync(query);│
    │ TableResult data =await table.ExecuteAsync(query);│
    └────────────────────────────────────────────────┘
    player=data.Result as PlayerEntity;
}
}
```

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-ta

NEW QUESTION 13
- (Exam Topic 3)
You are developing a data storage solution for a social networking app.
The solution requires a mobile app that stores user information using Azure Table Storage.
You need to develop code that can insert multiple sets of user information.
How should you complete the code? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

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

```
[ ▼ ]  op = new  [ ▼ ] ();
```

TableOperation		TableOperation
TableBatchOperaton		TableBatchOperaton
TableEntity		TableEntity
TableQuery		TableQuery

```
. . .
table.  [ ▼ ]  (op);
```

| ExecuteBatch |
| Execute |
| Insert |
| InsertOrMerge |

A. Mastered
B. Not Mastered

Answer: A

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

NEW QUESTION 15
- (Exam Topic 3)
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the
stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.
After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.
Margie's Travel is an international travel and bookings management service. The company is expanding into restaurant bookings. You are tasked with
implementing Azure Search tor the restaurants listed in their solution.
You create the index in Azure Search.
You need to import the restaurant data into the Azure Search service by using the Azure Search NET SDK. Solution:
* 1. Create a SearchServiceClient object to connect to the search index.
* 2. Create a DataContainer that contains the documents which must be added.
* 3. Create a DataSource instance and set its Container property to the DataContainer.
* 4. Set the DataSource property of the SearchServiceClient Does the solution meet the goal?

A. Yes
B. No

Answer: B

Explanation:
Use the following method:
* 1.Create a SearchIndexClient object to connect to the search index
* 2.Create an IndexBatch that contains the documents which must be added.
* 3. Call the Documents.Index method of the SearchIndexClient and pass the IndexBatch. References:
https://docs.microsoft.com/en-us/azure/search/search-howto-dotnet-sdk

NEW QUESTION 18
- (Exam Topic 3)
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

| Answer area |

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

Run the Azure PowerShell command Set-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.

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

Run the Azure PowerShell command Set-AzureRmVMOSDisk.

Run the Azure PowerShell command Set-AzureRmVMDiskEncryptionExtension.

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'
$osDiskVhdUri = "https://$stoname.blob.core.windows.net/vhds/"+$vmname+"_os.vhd"
$vm = Set-AzureRmVMOSDisk -VM $vm -VhdUri $osDiskVhdUri -name $osDiskName -Create Step 3: Run the Azure PowerShell command Set-AzureRmVMDiskEncryptionExtension
Use the Set-AzVMDiskEncryptionExtension cmdlet to enable encryption on a running IaaS virtual machine in Azure.
Incorrect:
Not TPM: BitLocker can work with or without a TPM. A TPM is a tamper resistant security chip on the system board that will hold the keys for encryption and check the integrity of the boot sequence and allows the most secure BitLocker implementation. A VM does not have a TPM.
References:
https://www.itprotoday.com/iaaspaas/use-existing-vhd-azurerm-vm

NEW QUESTION 21
- (Exam Topic 3)
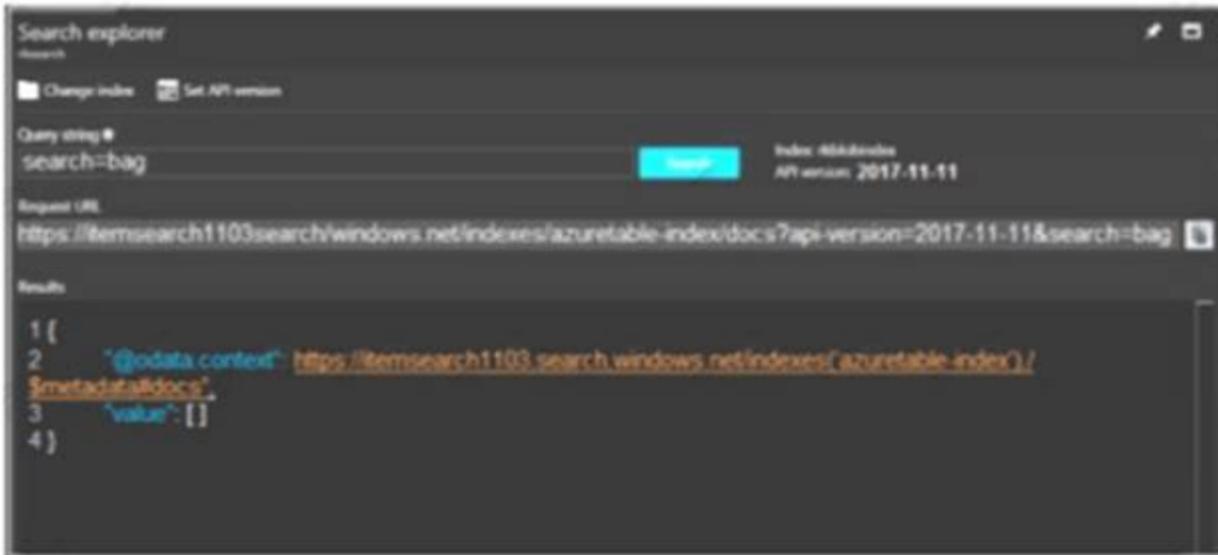You are validating the configuration of an Azure Search indexer.
The service has been configured with an indexer that uses the Import Data option. The index is configured using options as shown in the Index Configuration exhibit. (Click the Index Configuration tab.)

Import data

Data Source
tablesource

Cognitive Search
Add cognitive skills (Optional)

Index
Customize target index

Indexer
Import your data

Index

We provided a default index for you. You can delete the fields you don't need. Everything is editable, but once the index is built, deleting or changing existing fields will require re-indexing your documents.

Index name
azuretable-index

Key
RowKey

Analyzer   Suggester

Delete

FIELD NAME	TYPE	RETRIEVABLE	FILTERABLE	SORTABLE	FACETABLE	SEARCHABLE	
PartitionKey	Edm.String	☑	☑	☑	☐	☑	...
RowKey	Edm.String	☑	☐	☐	☐	☐	...
InStockCount	Edm.Int32	☑	☐	☐	☐		...
ItemDescription	Edm.DateTim...	☑	☐	☐	☐	☐	...
ItemName	Edm.String	☑	☑	☑	☐	☑	...
LocationRow	Edm.Int32	☑	☐	☐	☐		...
LocationShelf	Edm.Int32	☑	☐	☐	☐		
SKU	Edm.String	☑	☐	☐	☐	☑	...
	Edm.String	☐	☐	☐	☐	☐	

OK

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

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

You need to resolve the issue.

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

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

A. Mastered
B. Not Mastered

Answer: A

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

NEW QUESTION 23
- (Exam Topic 3)
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution. Determine whether the solution meets the stated goals.
You are developing and deploying several ASP.Net web applications to Azure App Service. You plan to save session state information and HTML output. You must use a storage mechanism with the following requirements:
•Share session state across all ASP.NET web applications
•Support controlled, concurrent access to the same session state data for multiple readers and a single writer
•Save full HTTP responses for concurrent requests You need to store the information.
Proposed Solution: Deploy and configure an Azure Database for PostgreSQL. Update the web applications. Does the solution meet the goal?

A. Yes
B. No

Answer: B

NEW QUESTION 25
- (Exam Topic 3)
Contoso, Ltd. provides an API to customers by using Azure API Management (APIM). The API authorizes users with a JWT token.
You must implement response caching for the APIM gateway. The caching mechanism must detect the user ID of the client that accesses data for a given location and cache the response for that user ID.
You need to add the following policies to the policies file:
• a set-variable policy to store the detected user identity
• a cache-lookup-value policy
• a cache-store-value policy

• a find-and-replace policy to update the response body with the user profile information
To which policy section should you add the policies? To answer, drag the appropriate sections to the correct policies. Each section may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content
NOTE: Each correct selection is worth one point

Answer Area

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

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

NEW QUESTION 30
- (Exam Topic 3)
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution 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 35

- (Exam Topic 3)
Note: This question is part of a series of questions that present the same scenario. Each question in the scries contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.
After you answer a question in this section, you will NOT be able to return to it. As a result these questions will not appear in the review screen.
Margie's Travel is an international travel and bookings management service. The company is expanding into restaurant bookings. You are tasked with implementing Azure Search for the restaurants listed in their solution.
You create the index in Azure Search.
You need to import the restaurant data into the Azure Search service by using the Azure Search .NET SDK. Solution:
* 1. Create a SearchIndexClient object to connect to the search index.
* 2. Create a DataContainer that contains the documents which must be added.
* 3. Create a DataSource instance and set its Container property to the DataContamer
* 4 Call the Documents.Suggest method of the SearchIndexClient and pass the DataSource.
Does the solution meet the goal?

A. Yes
B. No

Answer: B

NEW QUESTION 39
- (Exam Topic 3)
You are creating an app that uses Event Grid to connect with other services. Your app's event data will be sent to a serverless function that checks compliance. This function is maintained by your company.
You write a new event subscription at the scope of your resource. The event must be invalidated after 3 specific period of time. You need to configure Event Grid to ensure security.
What should you implement? To answer, select the appropriate options in [he answer area. NOTE: Each correct selection is worth one point

A. Mastered
B. Not Mastered

Answer: A

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

NEW QUESTION 41
- (Exam Topic 3)
A company is implementing a publish-subscribe (Pub/Sub) messaging component by using Azure Service Bus. You are developing the first subscription application.
In the Azure portal you see that messages are being sent to the subscription for each topic. You create and initialize a subscription client object by supplying the correct details, but the subscription application is still not consuming the messages.
You need to complete the source code of the subscription client What should you do?

A. await subscriptionClient.CloseAsync();
B. await subscriptionClient.AddRuleAsync(new RuleDescription(RuleDescription.DefaultRuleName, new TrueFilter()));
C. subscriptionClient.RegisterMessageHandler(ProcessMessagesAsync, messageHandlerOptions);
D. subscriptionClient = new SubscriptionClient(ServiceBusConnectionString, TopicName, SubscriptionName);

Answer: C

Explanation:
Using topic client, call RegisterMessageHandler which is used to receive messages continuously from the entity. It registers a message handler and begins a new thread to receive messages. This handler is waited on every time a new message is received by the receiver.
subscriptionClient.RegisterMessageHandler(ReceiveMessagesAsync, messageHandlerOptions); References:
https://www.c-sharpcorner.com/article/azure-service-bus-topic-and-subscription-pub-sub/

NEW QUESTION 42
- (Exam Topic 3)
You develop a gateway solution for a public facing news API. The news API back end is implemented as a RESTful service and uses an OpenAPI specification.
You need to ensure that you can access the news API by using an Azure API Management service instance. Which Azure PowerShell command should you run?

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

Answer: D

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

NEW QUESTION 44
- (Exam Topic 3)
You are developing a mobile instant messaging app for a company. The mobile app must meet the following requirements:
• Support offline data sync.
• Update the latest messages during normal sync cycles. You need to implement Offline Data Sync.
Which two actions should you perform? Each conn I answer presents part of the solution. NOTE: Each correct selection is worth one point.

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

Answer: BE

Explanation:
B: Incremental Sync: the first parameter to the pull operation is a query name that is used only on the client. If you use a non-null query name, the Azure Mobile SDK performs an incremental sync. Each time a pull operation returns a set of results, the latest updatedAt timestamp from that result set is stored in the SDK local system tables. Subsequent pull operations retrieve only records after that timestamp.
E (not D): To use incremental sync, your server must return meaningful updatedAt values and must also support sorting by this field. However, 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 47
- (Exam Topic 3)
Fourth Coffee has an ASP.NET Core web app that runs in Docker. The app is mapped to the www.fourthcoffee.com domain.
Fourth Coffee is migrating this application to Azure.
You need to provision an App Service Web App to host this docker image and map the custom domain to the App Service web app.
A resource group named FourthCoffeePublicWebResourceGroup has been created in the WestUS region that contains an App Service Plan named AppServiceLinuxDockerPlan.
Which order should the CLI commands be used to develop the solution? To answer, move all of the Azure CLI command from the list of commands to the answer area and arrange them in the correct order.

Azure CLI commands

Answer area

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

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

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

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

A. Mastered
B. Not Mastered

Answer: A

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

NEW QUESTION 50
- (Exam Topic 3)
You are developing an application to use Azure Blob storage. You have configured Azure Blob storage to include change feeds.
A copy of your storage account must be created in another region. Data must be copied from the current storage account to the new storage account directly between the storage servers.
You need to create a copy of the storage account in another region and copy the data.
In which order should you perform the actions? To answer, move all actions from the list of actions to the answer area and arrange them in the correct order.

Actions

Use AZCopy to copy the data to the new storage account.

Deploy the template to create a new storage account in the target region.

Export a Resource Manager template.

Create a new template deployment.

Modify the template by changing the storage account name and region.

Answer Area

A. Mastered
B. Not Mastered

Answer: A

Explanation:
To move a storage account, create a copy of your storage account in another region. Then, move your data to that account by using AzCopy, or another tool of your choice.
The steps are:
≫ Export a template.
≫ Modify the template by adding the target region and storage account name.
≫ Deploy the template to create the new storage account.
≫ Configure the new storage account.
≫ Move data to the new storage account.
≫ Delete the resources in the source region.
Note: You must enable the change feed on your storage account to begin capturing and recording changes. You can enable and disable changes by using Azure Resource Manager templates on Portal or Powershell.
Reference:
https://docs.microsoft.com/en-us/azure/storage/common/storage-account-move https://docs.microsoft.com/en-us/azure/storage/blobs/storage-blob-change-feed

NEW QUESTION 53
- (Exam Topic 3)
You develop an ASP.NET Core MVC application. You configure the application to track webpages and custom events.
You need to identify trends in application usage.
Which Azure Application Insights Usage Analysis features should you use? To answer, drag the appropriate features to the correct requirements. Each feature may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.
NOTE: Each correct selection is worth one point.

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

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box1: Users Box 2: Impact
One way to think of Impact is as the ultimate tool for settling arguments with someone on your team about how slowness in some aspect of your site is affecting whether users stick around. While users may tolerate a certain amount of slowness, Impact gives you insight into how best to balance optimization and performance to maximize user conversion.
Box 3: Retention
The retention feature in Azure Application Insights helps you analyze how many users return to your app, and how often they perform particular tasks or achieve goals. For example, if you run a game site, you could compare the numbers of users who return to the site after losing a game with the number who return after winning. This knowledge can help you improve both your user experience and your business strategy.
Box 4: User flows
The User Flows tool visualizes how users navigate between the pages and features of your site. It's great for answering questions like:
How do users navigate away from a page on your site? What do users click on a page on your site?
Where are the places that users churn most from your site?
Are there places where users repeat the same action over and over?

NEW QUESTION 57
- (Exam Topic 3)
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.
After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.
You are developing an Azure solution to collect point-of-sale fPOS) device data from 2,000 stores located throughout the world. A single device can produce 2 megabytes (MB) of data every 24 hours. Each store location has one to five devices that send data.
You must store the device data in Azure Blob storage. Device data must be correlated based on a device identifier. Additional stores are expected to open in the future.
You need to implement a solution to receive the device data.
Solution: Provision an Azure Event Hub. Configure the machine identifier as the partition key and enable capture.

A. Yes
B. No

Answer: A

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

NEW QUESTION 61
- (Exam Topic 3)
A company is developing a mobile app for field service employees using Azure App Service Mobile Apps as the backend.
The company's network connectivity varies throughout the day. The solution must support offline use and synchronize changes in the background when the app is online app.
You need to implement the solution.
How should you complete the code segment? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

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

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

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

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

A. Mastered
B. Not Mastered

Answer: A

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

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

NEW QUESTION 66
- (Exam Topic 3)
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 69
- (Exam Topic 3)
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.

A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 73
- (Exam Topic 3)
You are developing a software solution for an autonomous transportation system. The solution uses large data sets and Azure Batch processing to simulate navigation sets for entire fleets of vehicles.
You need to create compute nodes for the solution on Azure Batch. What should you do?

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

Answer: D

Explanation:
A Batch job is a logical grouping of one or more tasks. A job includes settings common to the tasks, such as priority and the pool to run tasks on. The app uses the BatchClient.JobOperations.CreateJob method to create a job on your pool.
Note:
Step 1: Create a pool of compute nodes. When you create a pool, you specify the number of compute nodes for the pool, their size, and the operating system. When each task in your job runs, it's assigned to execute on one of the nodes in your pool.
Step 2 : Create a job. A job manages a collection of tasks. You associate each job to a specific pool where that job's tasks will run.
Step 3: Add tasks to the job. Each task runs the application or script that you uploaded to process the data files it downloads from your Storage account. As each task completes, it can upload its output to Azure Storage.

NEW QUESTION 77
- (Exam Topic 3)
You are developing a software solution for an autonomous transportation system. The solution uses large data sets and Azure Batch processing to simulate navigation sets for entire fleets of vehicles.
You need to create compute nodes for the solution on Azure Batch. What should you do?

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

Answer: B

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

NEW QUESTION 79
- (Exam Topic 3)
A company runs an international travel and bookings management service. The company plans to begin offering restaurant bookings. You must develop a solution that uses Azure Search and meets the following requirements:
• Users must be able to search for restaurants by name, description, location, and cuisine.
• Users must be able to narrow the results further by location, cuisine, rating, and family-friendliness.
• All words in descriptions must be included in searches. You need to add annotations to the restaurant class.
How should you complete the code segment? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

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

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

```
  public string location { get; set; }
  public string Phone { get; set; }
```

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

```
  public string Description { get; set; }
```

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

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

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

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

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

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

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: [IsSearchable.IsFilterable.IsSortable,IsFacetable] Location
Users must be able to search for restaurants by name, description, location, and cuisine.
Users must be able to narrow the results further by location, cuisine, rating, and family-friendliness. Box 2: [IsSearchable.IsFilterable.IsSortable,Required] Description
Users must be able to search for restaurants by name, description, location, and cuisine. All words in descriptions must be included in searches.
Box 3: [IsFilterable,IsSortable,IsFaceTable] Rating
Users must be able to narrow the results further by location, cuisine, rating, and family-friendliness. Box 4: [IsSearchable.IsFilterable,IsFacetable] Cuisines
Users must be able to search for restaurants by name, description, location, and cuisine.
Users must be able to narrow the results further by location, cuisine, rating, and family-friendliness. Box 5: [IsFilterable,IsFacetable] FamilyFriendly
Users must be able to narrow the results further by location, cuisine, rating, and family-friendliness. References:
https://www.henkboelman.com/azure-search-the-basics/

NEW QUESTION 82
- (Exam Topic 3)
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution 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 87
- (Exam Topic 3)
You develop an Azure web app. You monitor performance of the web app by using Application Insights. You need to ensure the cost for Application Insights does not exceed a preset budget. What should you do?

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

Answer: D

Explanation:
Sampling is an effective way to reduce charges and stay within your monthly quota.
You can set sampling manually, either in the portal on the Usage and estimated costs page; or in the ASP.NET SDK in the .config file; or in the Java SDK in the
ApplicationInsights.xml file, to also reduce the network traffic.
Adaptive sampling is the default for the ASP.NET SDK. Adaptive sampling automatically adjusts to the volume of telemetry that your app sends. It operates
automatically in the SDK in your web app so that telemetry traffic on the network is reduced.
References:
https://docs.microsoft.com/en-us/azure/azure-monitor/app/sampling

NEW QUESTION 88
- (Exam Topic 3)
A company is developing a gaming platform. Users can join teams to play online and see leaderboards that include player statistics. The solution includes an entity
named Team.
You plan to implement an Azure Redis Cache instance to improve the efficiency of data operations for entities that rarely change.
You need to invalidate the cache when team data is changed.
How should you complete the code? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

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

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

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

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: IDatabase cache = connection.GetDatabase();
Connection refers to a previously configured ConnectionMultiplexer. Box 2: cache.StringSet("teams",")
To specify the expiration of an item in the cache, use the TimeSpan parameter of StringSet. cache.StringSet("key1", "value1", TimeSpan.FromMinutes(90));
References:
https://azure.microsoft.com/sv-se/blog/lap-around-azure-redis-cache-preview/

NEW QUESTION 91
- (Exam Topic 3)
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

Commands
RUN powershell ./setupScript.ps1 CMD ["dotnet", "ContosoApp.dll"]
EXPOSE ./ContosoApp/ /apps/ContosoApp
COPY ./ .
FROM microsoft/aspnetcore:2.0
WORKDIR /apps/ContosoApp
CMD powershell ./setupScript.ps1 ENTRYPOINT ["dotnet", "ContosoApp.dll"]

Answer Area

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Step 1: WORKDIR /apps/ContosoApp Step 2: COPY ./The Docker document must be created in the same folder where ContosoApp.dll and setupScript.ps1 are stored.
Step 3: EXPOSE ./ContosApp/ /app/ContosoApp Step 4: CMD powershell ./setupScript.ps1 ENTRYPOINT ["dotnet", "ContosoApp.dll"]
You need to create a Dockerfile document that meets the following requirements:

⟩ Call setupScript.ps1 when the container is built.

⟩ Run ContosoApp.dll when the container starts. References:
https://docs.microsoft.com/en-us/azure/app-service/containers/tutorial-custom-docker-image

NEW QUESTION 96
- (Exam Topic 3)
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

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

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

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

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

```
Get-AzSubscription
```

Answer Area

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

NEW QUESTION 97
- (Exam Topic 3)
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.

```
Continuous
```

Run on a single instance that Azure select for load balancing.

Supports remote debugging

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: Continuous
Continuous runs on all instances that the web app runs on. You can optionally restrict the WebJob to a single instance.
Box 2: Triggered
Triggered runs on a single instance that Azure selects for load balancing. Box 3: Continuous
Continuous supports remote debugging. Note:
The following table describes the differences between continuous and triggered WebJobs.

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

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

NEW QUESTION 98
- (Exam Topic 3)
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.
After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.
Margie's Travel is an international travel and bookings management service. The company is expanding into restaurant bookings. You are tasked with implementing Azure Search for the restaurants listed in their solution You create the index in Azure Search.
You need to import the restaurant data into the Azure Search service by using the Azure Search NET SDK. Solution:
* 1 Create a SearchIndexClient object to connect to the search index
* 2. Create an IndexBatch that contains the documents which must be added.
* 3. Call the Documents.Index method of the SearchIndexClient and pass the IndexBatch..
Does the solution meet the goal?

A. Yes
B. No

Answer: A

Explanation:
* 1. The index needs to be populated. To do this, we will need a SearchIndexClient. There are two ways to obtain one: by constructing it, or by calling Indexes.GetClient on the SearchServiceClient. Here we will use the first method.
* 2. Create the indexBatch with the documents Something like:
var hotels = new Hotel[];
{
new Hotel()
{
HotelId = "3",
BaseRate = 129.99,
Description = "Close to town hall and the river"
}
};
…
var batch = IndexBatch.Upload(hotels);
* 3. The next step is to populate the newly-created index Example:
var batch = IndexBatch.Upload(hotels); try
{
indexClient.Documents.Index(batch);
}
References:
https://docs.microsoft.com/en-us/azure/search/search-howto-dotnet-sdk

NEW QUESTION 99
- (Exam Topic 3)
You are developing a solution for a hospital to support the following use cases:
•The most recent patient status details must be retrieved even if multiple users in different locations have updated the patient record.
•Patient health monitoring data retrieved must be the current version or the prior version.
•After a patient is discharged and all charges have been assessed, the patient billing record contains the final charges.
You provision a Cosmos DB NoSQL database and set the default consistency level for the database account to Strong. You set the value for Indexing Mode to Consistent.
You need to minimize latency and any impact to the availability of the solution. You must override the default consistency level at the query level to meet the required consistency guarantees for the scenarios.
Which consistency levels should you implement? To answer, drag the appropriate consistency levels to the correct requirements. Each consistency level 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.

Consistency levels

| Strong | Bounded Staleness |
| Consistent Prefix | Eventual |

Answer Area

Return the most recent patient staus.

Return health monitoring data that is no less than one version behind.

After patient is discharged and all changes are assessed, retrieve the correct billing data with the final charges

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: Strong
Strong: Strong consistency offers a linearizability guarantee. The reads are guaranteed to return the most recent committed version of an item. A client never sees an uncommitted or partial write. Users are always guaranteed to read the latest committed write.
Box 2: Bounded staleness
Bounded staleness: The reads are guaranteed to honor the consistent-prefix guarantee. The reads might lag behind writes by at most "K" versions (that is "updates") of an item or by "t" time interval. When you choose bounded staleness, the "staleness" can be configured in two ways:
The number of versions (K) of the item
The time interval (t) by which the reads might lag behind the writes Box 3: Eventual
Eventual: There's no ordering guarantee for reads. In the absence of any further writes, the replicas eventually converge.

NEW QUESTION 104
- (Exam Topic 3)
You are creating a hazard notification system that has a single signaling server which triggers audio and visual alarms to start and stop.
You implement Azure Service Bus to publish alarms. Each alarm controller uses Azure Service Bus to receive alarm signals as part of a transaction. Alarm events must be recorded for audit purposes. Each transaction record must include information about the alarm type that was activated.
You need to implement a reply trail auditing solution.
Which two actions should you perform? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

A. Assign the value of the hazard message SessionID property to the SequenceNumber property.
B. Assign the value of the hazard message SequenceNumber property to the DeliveryCount propert
C. Assign the value of the hazard message MessageId property to the DeliveryCount property.
D. Assign the value of the hazard message SessionID property to the ReplyToSessionId property.
E. Assign the value of the hazard message MessageId property to the SequenceNumber property.
F. Assign the value of the hazard message MessageId property to the CorrelationId property.

Answer: AB

NEW QUESTION 105
......

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