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Practice Test 3

Attempt

2

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Exam

Domains wise Quiz Performance Report

No	1
Domain	Develop Azure Infrastructure as a Service Compute Solutions
Total Question	9
Correct	7
Incorrect	2
Unattempted	0
Marked for review	0

No	2
Domain	Develop for Azure Storage
Total Question	9
Correct	8
Incorrect	1
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No	3
Domain	Connect to and Consume Azure Services and Third Party Services
Total Question	16
Correct	13
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Domain	Monitor, troubleshoot, and optimize Azure solutions
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No	5
Domain	Implement Azure Security
Total Question	6
Correct	6
Incorrect	0
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Domain	Develop Azure Platform as a Service Compute Solutions
Total Question	1
Correct	1
Incorrect	0
Unattempted	0
Marked for review	0
 Total	Total
All Domain	All Domain
Total Question	55
Correct	45
Incorrect	10
Unattempted	0
Marked for review	0

Review the Answers

Sorting by

All

Question 1

Correct

Domain :Develop Azure Infrastructure as a Service Compute Solutions

A development team has developed an application that is based on docker containers. The applications need to be deployed to Azure Kubernetes service. You have to prepare the environment and deploy the Kubernetes cluster to a resource group called whizlabs-rg. You need to issue the right command to create the cluster.

You decide to issue the following command

`az aks create --resource-group whizlabs-rg --name whizlabscluster --node-count 1 --enable-addons monitoring --generate-ssh-keys`

Would this command create the cluster?

✓ A. Yes 

B. No

Explanation:

Answer – A

Yes, this is the right command. This is also mentioned in the Microsoft documentation

Create AKS cluster

Use the [az aks create](#) command to create an AKS cluster. The following example creates a cluster named *myAKSCluster* with one node. Azure Monitor for containers is also enabled using the *--enable-addons monitoring* parameter.

Azure CLI

Copy Try It

```
az aks create \
    --resource-group myResourceGroup \
    --name myAKSCluster \
    --node-count 1 \
    --enable-addons monitoring \
    --generate-ssh-keys
```

After a few minutes, the command completes and returns JSON-formatted information about the cluster.

For more information on creating a cluster, one can go to the below link

<https://docs.microsoft.com/en-us/azure/aks/kubernetes-walkthrough>

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Question 2

Correct

Domain :Develop Azure Infrastructure as a Service Compute Solutions

A development team has developed an application that is based on docker containers. The applications need to be deployed to Azure Kubernetes service. You have to prepare the environment and deploy the Kubernetes cluster to a resource group called *whizlabs-rg*. You need to issue the right command to create the cluster.

You decide to issue the following command

```
az kubectl create --resource-group whizlabs-rg --name whizlabscluster --node-count 1 --
    enable-addons monitoring --generate-ssh-keys
```

Would this command create the cluster?

A. Yes

✓ B. No 

Explanation:

Answer – B

No, this is not the right command.

The right way to create the cluster is mentioned in the Microsoft documentation

Create AKS cluster

Use the [az aks create](#) command to create an AKS cluster. The following example creates a cluster named myAKSCluster with one node. Azure Monitor for containers is also enabled using the `--enable-addons monitoring` parameter.

Azure CLI

 Copy

 Try It

```
az aks create \
  --resource-group myResourceGroup \
  --name myAKSCluster \
  --node-count 1 \
  --enable-addons monitoring \
  -g generate-ssh-keys
```

After a few minutes, the command completes and returns JSON-formatted information about the cluster.

For more information on creating a cluster, one can go to the below link

<https://docs.microsoft.com/en-us/azure/aks/kubernetes-walkthrough>

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Question 3

Correct

Domain :Develop Azure Infrastructure as a Service Compute Solutions

A development team has developed an application that is based on docker containers. The applications need to be deployed to Azure Kubernetes service. You have to prepare the environment and deploy the Kubernetes cluster to a resource group called whizlabs-rg. You need to issue the right command to create the cluster.

You decide to issue the following command

kubectl create --resource-group whizlabs-rg --name whizlabscluster --node-count 1 --enable-addons monitoring --generate-ssh-keys

Would this command create the cluster?

A. Yes

✓ B. No 

Explanation:

Answer – B

No, this is not the right command.

The right way to create the cluster is mentioned in the Microsoft documentation

Create AKS cluster

Use the [az aks create](#) command to create an AKS cluster. The following example creates a cluster named *myAKSCluster* with one node. Azure Monitor for containers is also enabled using the *--enable-addons monitoring* parameter.

Azure CLI

```
az aks create \
    --resource-group myResourceGroup \
    --name myAKSCluster \
    --node-count 1 \
    --enable-addons monitoring \
    --generate-ssh-keys
```

After a few minutes, the command completes and returns JSON-formatted information about the cluster.

For more information on creating a cluster, one can go to the below link

[Ask our Experts](#)Rate this Question?  **Question 4****Incorrect****Domain :Develop Azure Infrastructure as a Service Compute Solutions**

A development team is using the Azure Batch service to process and convert files stored in a storage account. Code is being developed to start the batch job.

The following variables are in place for the code

Variable Name**Variable description****whizlabs_tasks**

A list of tasks that need to be run

whizlabs_job_id

Identifier assigned to the job

whizlabs_outputcontainerSASURL

The Shared Access URL for the output container

whizlabs_failedcontainerSASURL

The Shared Access URL for the output container to store the files which failed to convert

You have to ensure that files processed by the batch job are placed in the container referenced by 'whizlabs_outputcontainerSASURL' variable. And all files that fail the conversion are stored in the container referenced by 'whizlabs_failedcontainerSASURL'.

Snippets of code are given below. You have to complete the code

```

1  BatchSharedKeyCredentials sharedKeyCredentials = new BatchSharedKeyCredentials(BatchAccountUrl, BatchAccountName, BatchAccountKey);
2      List<CloudTasks> tasks = new List<CloudTask>();
3      using (BatchClient batchClient = BatchClient.Open(sharedKeyCredentials))
4      {
5          CloudJob job = batchClient.JobOperations. Slot1
6
7
8          job.Id = whizlabs_job_id;
9          job.PoolInformation = new PoolInformation { PoolId = PoolId };
10         await job.CommitAsync();
11         CloudTask task = new CloudTask(taskId, taskCommandLine);
12         List<OutputFile> output fileList = new List<OutputFile>();
13
14         OutputFileBlobContainerDestination outputContainer = new OutputFileBlobContainerDestination(whizlabs_outputcontainerSASURL);
15
16         OutputFailedContainerDestination outputContainer_failed= new OutputFileBlobContainerDestination(whizlabs_failedcontainerSASURL);
17
18         OutputFile whizlabs_outputFile = new OutputFile(strFileName,
19                                         new OutputFileDestination(outputContainer),
20                                         new OutputFileUploadOptions(OutputFileUploadCondition. Slot2));
21
22         OutputFile whizlabs_outputFile_failed = new OutputFile(strFileName,
23                                         new OutputFileDestination(outputContainer_failed),
24                                         new OutputFileUploadOptions(OutputFileUploadCondition. Slot3));
25
26
27         output fileList.Add(whizlabs_outputFile);
28         output fileList.Add(whizlabs_outputFile_failed);
29
30         task. Slot4 = output fileList;

```

Which of the following would go into Slot1?

- A. **GetJob** X
- B. **GetTask**
- C. **EnableJob**
- D. **CreateJob** ✓

Explanation:

Answer – D

We have to use the Create Job method to create a job. This is also mentioned in the Microsoft documentation.

Create a Batch job

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.

The [Commit](#) method submits the job to the Batch service. Initially the job has no tasks.

C#

 Copy

```
try
{
    CloudJob job = batchClient.JobOperations.CreateJob();
    job.Id = JobId;
    job.PoolInformation = new PoolInformation { PoolId = PoolId };

    job.Commit();
}
...
...
```

Since this is clearly given in the Microsoft documentation, all other options are invalid

For more information on using .Net for Azure Batch jobs, one can go to the below link

<https://docs.microsoft.com/en-us/azure/batch/quick-run-dotnet>

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Question 5

Correct

Domain :Develop Azure Infrastructure as a Service Compute Solutions

A development is team is using the Azure Batch service to process and convert files stored in a storage account. Code is being developed to start the batch job.

The following variables are in place for the code

Variable Name

Variable description

whizlabs_tasks

A list of tasks that need to be run

whizlabs_job_id

Identifier assigned to the job

whizlabs_outputcontainerSASURL

The Shared Access URL for the output container

whizlabs_failedcontainerSASURL

The Shared Access URL for the output container to store the files which failed to convert

You have to ensure that files processed by the batch job are placed in the container referenced by 'whizlabs_outputcontainerSASURL' variable. And all files that fail the conversion are stored in the container referenced by 'whizlabs_failedcontainerSASURL'.

Snippets of code are given below. You have to complete the code

```

1  BatchSharedKeyCredentials sharedKeyCredentials = new BatchSharedKeyCredentials(BatchAccountUrl, BatchAccountName, BatchAccountKey);
2      List<CloudTasks> tasks = new List<CloudTask>();
3      using (BatchClient batchClient = BatchClient.Open(sharedKeyCredentials))
4      {
5          CloudJob job = batchClient.JobOperations.    Slot1
6
7
8          job.Id = whizlabs_job_id;
9          job.PoolInformation = new PoolInformation { PoolId = PoolId };
10         await job.CommitAsync();
11         CloudTask task = new CloudTask(taskId, taskCommandLine);
12         List<OutputFile> output fileList = new List<OutputFile>();
13
14         OutputFileBlobContainerDestination outputContainer = new OutputFileBlobContainerDestination(whizlabs_outputcontainerSASURL);
15
16         OutputFailedContainerDestination outputContainer_failed= new OutputFileBlobContainerDestination(whizlabs_failedcontainerSASURL);
17
18         OutputFile whizlabs_outputFile = new OutputFile(strFileName,
19                                         new OutputFileDestination(outputContainer),
20                                         new OutputFileUploadOptions(OutputFileUploadCondition.    Slot2));
21
22         OutputFile whizlabs_outputFile_failed = new OutputFile(strFileName,
23                                         new OutputFileDestination(outputContainer_failed),
24                                         new OutputFileUploadOptions(OutputFileUploadCondition.    Slot3));
25
26
27         output fileList.Add(whizlabs_outputFile);
28         output fileList.Add(whizlabs_outputFile_failed);
29
30         task.    Slot4    = output fileList;

```

Which of the following would go into Slot2?

- A. TaskFailure

- ✓ B. TaskSuccess 

C. TaskCompletion

D. TaskDone

Explanation:

Answer – B

For all files that complete processing, we should set the status as TaskSuccess. An example is also given in the Microsoft documentation

C#

 Copy

```
// Create a collection to hold the tasks added to the job.
List<CloudTask> tasks = new List<CloudTask>();

for (int i = 0; i < inputFiles.Count; i++)
{
    string taskId = String.Format("Task{0}", i);

    // Define task command line to convert each input file.
    string appPath = String.Format("%AZ_BATCH_APP_PACKAGE_{0}#{1}%", appPackageId, appPackageVersion);
    string inputMediaFile = inputFiles[i].FilePath;
    string outputMediaFile = String.Format("{0}{1}",
        System.IO.Path.GetFileNameWithoutExtension(inputMediaFile),
        ".mp3");
    string taskCommandLine = String.Format("cmd /c {0}\ffmpeg-3.4-win64-static\bin\ffmpeg.exe -i {1} {2}

    // Create a cloud task (with the task ID and command line)
    CloudTask task = new CloudTask(taskId, taskCommandLine);
    task.ResourceFiles = new List<ResourceFile> { inputFiles[i] };

    // Task output file
    List<OutputFile> outputFileList = new List<OutputFile>();
    OutputFileBlobContainerDestination outputContainer = new OutputFileBlobContainerDestination(outputCont
    OutputFile outputFile = new OutputFile(outputMediaFile,
        new OutputFileDestination(outputContainer),
        new OutputFileUploadOptions(OutputFileUploadCondition.TaskSuccess));
    outputFileList.Add(outputFile);
    task.OutputFiles = outputFileList;
    tasks.Add(task);
}

// Add tasks as a collection
await batchClient.JobOperations.AddTaskAsync(jobId, tasks);
return tasks
```

Since this is clearly given in the Microsoft documentation, all other options are invalid

For more information on using .Net for Azure Batch jobs, one can go to the below link

<https://docs.microsoft.com/en-us/azure/batch/quick-run-dotnet>

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Question 6

Correct

Domain :Develop Azure Infrastructure as a Service Compute Solutions

A development team is using the Azure Batch service to process and convert files stored in a storage account. Code is being developed to start the batch job.

The following variables are in place for the code

Variable Name**Variable description****whizlabs_tasks**

A list of tasks that need to be run

whizlabs_job_id

Identifier assigned to the job

whizlabs_outputcontainerSASURL

The Shared Access URL for the output container

whizlabs_failedcontainerSASURL

The Shared Access URL for the output container to store the files which failed to convert

You have to ensure that files processed by the batch job are placed in the container referenced by 'whizlabs_outputcontainerSASURL' variable. And all files that fail the conversion are stored in the container referenced by 'whizlabs_failedcontainerSASURL'.

Snippets of code are given below. You have to complete the code

```

1 BatchSharedKeyCredentials sharedKeyCredentials = new BatchSharedKeyCredentials(BatchAccountUrl, BatchAccountName, BatchAccountKey);
2     List<CloudTasks> tasks = new List<CloudTask>();
3     using (BatchClient batchClient = BatchClient.Open(sharedKeyCredentials))
4     {
5         CloudJob job = batchClient.JobOperations. Slot1
6
7
8         job.Id = whizlabs_job_id;
9         job.PoolInformation = new PoolInformation { PoolId = PoolId };
10        await job.CommitAsync();
11        CloudTask task = new CloudTask(taskId, taskCommandLine);
12        List<OutputFile> output fileList = new List<OutputFile>();
13
14        OutputFileBlobContainerDestination outputContainer = new OutputFileBlobContainerDestination(whizlabs_outputcontainerSASURL);
15
16        OutputFailedContainerDestination outputContainer_failed= new OutputFileBlobContainerDestination(whizlabs_failedcontainerSASURL);
17
18        OutputFile whizlabs_outputFile = new OutputFile(strFileName,
19                                         new OutputFileDestination(outputContainer),
20                                         new OutputFileUploadOptions(OutputFileUploadCondition. Slot2));
21
22        OutputFile whizlabs_outputFile_failed = new OutputFile(strFileName,
23                                         new OutputFileDestination(outputContainer_failed),
24                                         new OutputFileUploadOptions(OutputFileUploadCondition. Slot3));
25
26
27        output fileList.Add(whizlabs_outputFile);
28        output fileList.Add(whizlabs_outputFile_failed);
29
30        task. Slot4 = output fileList;

```

Which of the following would go into Slot3?

- ✓ A. TaskFailure ✓
- B. TaskSuccess
- C. TaskCompletion
- D. TaskDone

Explanation:

Answer – A

For any task that fails, we can use the TaskFailure property

```

FileList = new List<OutputFile>();
Destination outputContainer = new OutputFileBlobContainerDestination(GetContainerSasUrl());
new OutputFile("AzureSearch.aac",
    new OutputFileDestination(outputContainer),
    new OutputFileUploadOptions(OutputFileUploadCondition.TaskFailure));
utFile);

```

The right property is TaskFailure and hence all other options are incorrect.

For more information on using .Net for Azure Batch jobs, one can go to the below link

<https://docs.microsoft.com/en-us/azure/batch/quick-run-dotnet>

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Question 7

Correct

Domain :Develop Azure Infrastructure as a Service Compute Solutions

A development team is using the Azure Batch service to process and convert files stored in a storage account. Code is being developed to start the batch job.

The following variables are in place for the code

Variable Name

Variable description

whizlabs_tasks

A list of tasks that need to be run

whizlabs_job_id

Identifier assigned to the job

whizlabs_outputcontainerSASURL

The Shared Access URL for the output container

whizlabs_failedcontainerSASURL

The Shared Access URL for the output container to store the files which failed to convert

You have to ensure that files processed by the batch job are placed in the container referenced by 'whizlabs_outputcontainerSASURL' variable. And all files that fail the conversion are stored in the container referenced by 'whizlabs_failedcontainerSASURL'.

Snippets of code are given below. You have to complete the code

```

1  BatchSharedKeyCredentials sharedKeyCredentials = new BatchSharedKeyCredentials(BatchAccountUrl, BatchAccountName, BatchAccountKey);
2      List<CloudTasks> tasks = new List<CloudTask>();
3      using (BatchClient batchClient = BatchClient.Open(sharedKeyCredentials))
4      {
5          CloudJob job = batchClient.JobOperations.    Slot1
6
7
8          job.Id = whizlabs_job_id;
9          job.PoolInformation = new PoolInformation { PoolId = PoolId };
10         await job.CommitAsync();
11         CloudTask task = new CloudTask(taskId, taskCommandLine);
12         List<OutputFile> output fileList = new List<OutputFile>();
13
14         OutputFileBlobContainerDestination outputContainer = new OutputFileBlobContainerDestination(whizlabs_outputcontainerSASURL);
15
16         OutputFailedContainerDestination outputContainer_failed= new OutputFileBlobContainerDestination(whizlabs_failedcontainerSASURL);
17
18         OutputFile whizlabs_outputFile = new OutputFile(strFileName,
19                         new OutputFileDestination(outputContainer),
20                         new OutputFileUploadOptions(OutputFileUploadCondition.    Slot2
21
22         OutputFile whizlabs_outputFile_failed = new OutputFile(strFileName,
23                         new OutputFileDestination(outputContainer_failed),
24                         new OutputFileUploadOptions(OutputFileUploadCondition.    Slot3
25
26
27         output fileList.Add(whizlabs_outputFile);
28         output fileList.Add(whizlabs_outputFile_failed);
29
30         task.    Slot4    = output fileList;

```

Which of the following would go into Slot4?

- ✓ A. **OutputFiles** 
- B. **FileStorage**
- C. **ResourceFiles**
- D. **InputFiles**

Explanation:

Answer – A

You have to use the **OutputFiles** property for mentioning all the **OutputFiles**. An example is also given in the Microsoft documentation

C#

 Copy

```
// Create a collection to hold the tasks added to the job.
List<CloudTask> tasks = new List<CloudTask>();

for (int i = 0; i < inputFiles.Count; i++)
{
    string taskId = String.Format("Task{0}", i);

    // Define task command line to convert each input file.
    string appPath = String.Format("%AZ_BATCH_APP_PACKAGE_{0}#{1}%", appPackageId, appPackageVersion);
    string inputMediaFile = inputFiles[i].FilePath;
    string outputMediaFile = String.Format("{0}{1}",
        System.IO.Path.GetFileNameWithoutExtension(inputMediaFile),
        ".mp3");
    string taskCommandLine = String.Format("cmd /c {0}\ffmpeg-3.4-win64-static\bin\ffmpeg.exe -i {1} {2}

    // Create a cloud task (with the task ID and command line)
    CloudTask task = new CloudTask(taskId, taskCommandLine);
    task.ResourceFiles = new List<ResourceFile> { inputFiles[i] };

    // Task output file
    List<OutputFile> outputFileList = new List<OutputFile>();
    OutputFileBlobContainerDestination outputContainer = new OutputFileBlobContainerDestination(outputCont
    OutputFile outputFile = new OutputFile(outputMediaFile,
        new OutputFileDestination(outputContainer),
        new OutputFileUploadOptions(OutputFileUploadCondition.TaskSuccess));
    outputFileList.Add(outputFile);
    task.OutputFiles = outputFileList;
    tasks.Add(task);
}

// Add tasks as a collection
await batchClient.JobOperations.AddTaskAsync(jobId, tasks);
return tasks
```

Since this is clearly given in the Microsoft documentation, all other options are invalid

For more information on using .Net for Azure Batch jobs, one can go to the below link

<https://docs.microsoft.com/en-us/azure/batch/quick-run-dotnet>

[Ask our Experts](#)Rate this Question?  **Question 8****Incorrect****Domain :Develop Azure Infrastructure as a Service Compute Solutions**

A development team is developing a mobile application for a company. The application needs to adhere to the below requirements

Support offline data synchronization

'Update the latest messages during normal synchronization cycles.

You have to implement the Offline Data Sync functionality.

Which of the below 2 actions would you implement as part of the code?

- 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.

Explanation:

Answer – B and D

Since you need to update the latest messages during the normal synchronization cycles, you can use the incremental sync operation. You can also use the sorting for the updatedAt column. This is also mentioned in the Microsoft documentation as given below.

- **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.

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.

Since this is given in the Microsoft documentation, all other options are incorrect

For more information on the app service mobile offline data sync, one can go to the below link

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

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Question 9

Correct

Domain :Develop for Azure Storage

[View Case Study](#)

Will the code successfully insert a player record?

- A. Yes
- B. No 

Explanation:

Answer – B

The code will actually throw an exception. This is because of the following

```

public Game GetGame(int gameId)
{
    using (var db = new whizlabsdbEntities())
    {
        return db.Games.FirstOrDefault(x => x.GameID == gameId);
    }
}

```

Getting a handle
to an existing
Game record



We are first getting a handle to an existing Game via the GameID

And then next we are trying to add a Player record, but again trying to add a new Game with an existing GameID. This will throw a primary key exception in the Game table.

```

public Player AddPlayer(int p_playerid, Game game)
{
    using (var db = new whizlabsdbEntities())
    {
        var whizlabs_Player = new Player
        {
            PlayerID = p_playerid,
            PlayerName="UserB",
            Games=new List<Game> { game }
        };
    }
}

```

Creating a new Game
record



For more information on the entity framework, one can go to the below link

<https://entityframework.net/ef-version-history>

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Question 10

Correct

Domain :Develop for Azure Storage

[View Case Study](#)

The code has a bug and will insert an additional copy of the Game record with a new GameID?

A. Yes

✓ B. No 

Explanation:

Answer – B

The code does have a bug, but it will not insert an additional copy of the Game record

The code is trying to add a game with an existing GameID which will throw an exception

For more information on the entity framework, one can go to the below link

<https://entityframework.net/ef-version-history>

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Question 11

Correct

Domain :Develop for Azure Storage

[View Case Study](#)

The code has a bug and will insert the wrong GameID value?

A. Yes

✓ B. No 

Explanation:

The code does have a bug, but it will not insert a Game record

The code is trying to add a game with an existing GameID which will throw an exception

For more information on the entity framework, one can go to the below link

<https://entityframework.net/ef-version-history>

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Question 12

Incorrect

Domain :Connect to and Consume Azure Services and Third Party Services

A team is developing an API solution. The backend is going to be hosted in the Azure App Service as a Web App. The API backend has been implemented as RESTful service.

To implement a secure API, which of the following would you configure as the Target?

- ✓ A. Azure Resource ×
- B. HTTPS Endpoint ✓
- C. Basic
- D. Client cert

Explanation:

Answer – B

An example of this is given in the Microsoft documentation

The screenshot shows the 'Backend' configuration for the 'Demo Conference API'. On the left, a sidebar lists operations: 'All operations', 'GetSession', 'GetSessions', 'GetSessionTopic...', 'GetSpeaker', 'GetSpeakers', and 'GetSpeakerSes...'. The main area shows the 'Backend' configuration with the following details:

- Target:** HTTP(s) endpoint (radio button selected)
- Service URL:** https://conferenceapi.azurewebsites.net
- Gateway credentials:** Client cert (radio button selected)
- Client certificate:** CN=contoso-cert

At the bottom, there are 'Save' and 'Discard' buttons, with 'Save' being highlighted by a red box.

Since this is clearly mentioned, all other options are incorrect

For more information on how to use mutual certificates with API management, one can go to the below link

<https://docs.microsoft.com/en-us/azure/api-management/api-management-howto-mutual-certificates>

Ask our Experts

Rate this Question?  

Question 13

Incorrect

Domain :Connect to and Consume Azure Services and Third Party Services

A team is developing an API solution. The backend is going to be hosted in the Azure App Service as a Web App. The API backend has been implemented as RESTful service.

To implement a secure API, which of the following would you configure as the Gateway credentials?

- A. Azure Resource
- B. HTTPS Endpoint 
- C. Basic
- D. Client cert 

Explanation:

Answer – D

An example of this is given in the Microsoft documentation

Demo Conference API > All operations

Backend

Define which service to send the request to.

Target Azure resource HTTP(s) endpoint

Service URL Override

Gateway credentials None Basic Client cert

* Client certificate

Save **Discard**

Since this is clearly mentioned, all other options are incorrect

For more information on how to use mutual certificates with API management, one can go to the below link

<https://docs.microsoft.com/en-us/azure/api-management/api-management-howto-mutual-certificates>

Ask our Experts

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Question 14

Correct

Domain :Connect to and Consume Azure Services and Third Party Services

- A software company is developing a software solution. The software solution is for a food delivery-based company. The software needs to adhere to the following workflow
- A driver selects the restaurants for 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.
 - The application needs to make use of the Azure Service Bus service.

Which of the following actions would you implement for this requirement? Choose 3 answers from the options given below

- A. Create a Service Bus topic for each restaurant for which a driver can receive messages.
- ✓ B. Create a single Service Bus topic 
- C. Create a single Service Bus subscription
- ✓ D. Create a single Service Bus Namespace 
- E. Create a Service Bus Namespace for each restaurant for which a driver can receive messages.
- ✓ F. Create a Service Bus Subscription for each restaurant for which a driver can receive messages. 

Explanation:

Answer – B, D and F

You should first create a Service Bus Namespace. Option E is incorrect since creating a namespace for each restaurant would just be a maintenance overhead and difficult to keep track via a program.

Here since the driver needs to choose the restaurant, that means the driver can be a subscriber.

Here you should have just one Topic. If you have multiple topics, then an order needs to be sent to all topics. Then deleting an order once it has been picked by a driver will be an issue. So, Option A gets ruled out.

You can create subscriptions and create rules based on driver and area.

For more information on Azure Service Bus, one can go to the below link

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

Ask our Experts

Rate this Question?  

Question 15

Correct

Domain :Connect to and Consume Azure Services and Third Party Services

A company has an application that provides product data to external consultants. Azure API Management is used to publish API's to the consultants.

The API needs to meet the following requirements

Support alternative input parameters.

Remove formatting text from responses.

Provide additional context to back-end services.

Which type of policy would you use for the following requirement

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

- ✓ A. Inbound 
- B. Outbound
- C. Backend
- D. Error

Explanation:

Answer – A

An example of this is given in the Microsoft documentation

Policy statement

XML

 Copy

```
<rewrite-uri template="uri template" copy-unmatched-params="true | false" />
```

Example

XML

 Copy

```
<policies>
  <inbound>
    <base />
    <rewrite-uri template="/v2/US/hardware/{storenumber}&{ordernumber}?City=city&State=state" />
  </inbound>
  <outbound>
    <base />
  </outbound>
</policies>
```

Since this is clearly mentioned, all other options are incorrect

For more information on API management transformation URL's, one can go to the below link

<https://docs.microsoft.com/en-us/azure/api-management/api-management-transformation-policies>

Ask our Experts

Rate this Question?  

Question 16

Correct

Domain :Connect to and Consume Azure Services and Third Party Services

A company has an application that provides product data to external consultants.

Azure API Management is used to publish API's to the consultants.

The API needs to meet the following requirements

Support alternative input parameters.

Remove formatting text from responses.

Provide additional context to back-end services.

Which type of policy would you use for the following requirement

"Remove formatting text from responses"

A. Inbound

✓ B. Outbound 

C. Backend

D. Error

Explanation:

Answer - B

You can use policy expressions and find and replace to format the text in the response. An example of this is given in the Microsoft documentation

```

<policies>
  <inbound>
    <!-- Save the URL in invoked request from the context before its rewritten. -->
    <set-variable name="requestPath" value="@({context.Request.Url.Path})" />
    <base />
    <rewrite-uri template="api/add?a={a}&b={b}" />
  </inbound>
  <outbound>
    <base />
    <!-- Insert the saved request method+URL in the result section. -->
    <!-- Note request method wasn't rewritten, so we can access that from context. -->
    <find-and-replace from="<result>" to="@{
      string str = "<result>\n      <operation>";
      str += context.Request.Method;
      str += " \\";
      str += context.Variables.GetValueOrDefault<string>("requestPath");
      str += "\"></operation>";
      return str;
    }" />
  </outbound>
</policies>

```

Since this is clearly mentioned, all other options are incorrect

For more information on API management transformation URL's and a blog article on the same, one can go to the below link

<https://docs.microsoft.com/en-us/azure/api-management/api-management-transformation-policies>

<https://azure.microsoft.com/fr-fr/blog/policy-expressions-in-azure-api-management/>

Ask our Experts

Rate this Question?  

Question 17

Correct

Domain :Connect to and Consume Azure Services and Third Party Services

A company has an application that provides product data to external consultants.

Azure API Management is used to publish API's to the consultants.

The API needs to meet the following requirements

Support alternative input parameters.

Remove formatting text from responses.

Provide additional context to back-end services.

Which type of policy would you use for the following requirement

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

- ✓ A. Inbound 
- B. Outbound
- C. Backend
- D. Error

Explanation:

Answer - A

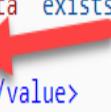
An example of this is given in the Microsoft documentation

XML

 Copy

```
<!-- The policies described in this file show how to send some context information to the backend service
<!-- Copy these snippets into the inbound element -->

<policies>
  <inbound>
    <base />
      <!-- Forward the name of the product associated with the subscription key in the request to the back
          <set-query-parameter name="x-product-name" exists-action="override">
            <value>@(context.Product.Name)</value>
          </set-query-parameter>

      <!-- Forward the user id associated with the subscription key in the request as well as the region w
          <set-header name="x-request-context-data" exists-action="override">
            <value>@(context.User.Id)</value> 
            <value>@(context.Deployment.Region)</value>
          </set-header>
        </inbound>
      <backend>
```

Since this is clearly mentioned, all other options are incorrect

For more information on API management transformation URL's, one can go to the below link

<https://docs.microsoft.com/en-us/azure/api-management/api-management-transformation-policies>

[Ask our Experts](#)Rate this Question?  **Question 18****Correct****Domain :Monitor,troubleshoot,and optimize Azure solutions**

A development team has published a Web App to the Azure Web App Service. They are also using Application Insights for the Web App for monitoring purposes. They have to ensure that the cost for Application Insights does not exceed a pre-set budget. Which of the following would you implement to adhere to this requirement?

- 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.

Explanation:

Answer – B

In Application Insights, if you go to Usage and estimated costs, you have the option to set a Daily cap. This can allow you to control costs for the Application Insights resource.

whizlabs-deployment - Usage and estimated costs

Application Insights

Search (Ctrl+ /) Data sampling Daily cap Custom metrics (Preview) Help

The table below shows estimated monthly costs** for this Application Insights resource based on the last month's usage.

Application Insights

Item type	Price	Monthly usage (last 31 days)	Estimated monthly cost
Data ingestion	2.30 USD	0.000 GB	0.00 USD
Multi-step web tests	10.00 USD	0 test	0.00 USD
Custom metrics***	N/A	0 bytes	
			0.00 USD

Data volume trends

Feb 3 Feb 10 Feb 17 Feb 24

**Estimates do not include taxes which may be applied to this subscription
***Billing has not started for custom metric usage. Custom metrics will be billed based on bytes of data ingested. [Learn more](#)

Data Sampling

Sampling can both reduce the volume of telemetry data the Application Insights SDKs send from your app, and the volume of data retained by the Application Insights service.
[Learn more](#)

Default ingestion data sampling is set to retain all data received, but you may [change data sampling](#) at any time. This application is currently configured to retain 100% of data received.

Since this is clear from the implementation, all other options are incorrect

For more information on managing costs for Application Insights, one can go to the below link

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

Ask our Experts

Rate this Question?

Question 19

Correct

Domain :Monitor,troubleshoot,and optimize Azure solutions

A development team is developing an application. The application will be working with customer data. The application will also be making use of Azure Redis Cache. You need to invalidate the cache when the customer data is changed.

You have to complete the below code to comply with the requirement

```
void clearCustomerCache(string p_Customer)
{
    //Establish the cache connection
    Slot1
    //Invalidate the cache
    Slot2
}
```

Which of the following will go into Slot1?

- ✓ A. IDatabase cache=Connection.GetDatabase(); 
- B. IDatabase cache=Connection.GetCache();
- C. ICache cache=Connection.GetDatabase();
- D. ICache cache=Connection.GetCache();

Explanation:

Answer – A

The right way is to use the IDatabase interface. Also you need to use the GetDatabase() method. This is also mentioned in the Microsoft documentation.

```
static void Main(string[] args)
{
    // Connection refers to a property that returns a ConnectionMultiplexer
    // as shown in the previous example.
    IDatabase cache = lazyConnection.Value.GetDatabase();
```

Since this is clearly given in the Microsoft documentation, all other options are incorrect

For more information on an example on how to work with Azure Redis from .Net, one can go to the below link

<https://docs.microsoft.com/en-us/azure/azure-cache-for-redis/cache-dotnet-how-to-use-azure-redis-cache>

[Ask our Experts](#)

Rate this Question?

Question 20

Correct

Domain :Monitor,troubleshoot, and optimize Azure solutions

A development team is developing an application. The application will be working with customer data. The application will also be making use of Azure Redis Cache. You need to invalidate the cache when the customer data is changed.

You have to complete the below code to comply with the requirement

```
void clearCustomerCache(string p_Customer)
{
    //Establish the cache connection
    Slot1
    //Invalidate the cache
    Slot2
}
```

Which of the following will go into Slot2?

- ✓ A. `cache.KeyDelete(p_Customer);`
- B. `cache.ValueDelete(p_Customer);`
- C. `cache.StringGet(p_Customer);`
- D. `cache.StringSet(p_Customer);`

Explanation:

Answer – A

Since you have to invalidate the cache, you have to delete the Key itself

Option B is incorrect since you need to work with keys and not the values

Option C is incorrect this is used to get the string value

Option D is incorrect this is used to set the string value

For more information on an example on how to work with Azure Redis from .Net, one can go to the below link

<https://docs.microsoft.com/en-us/azure/azure-cache-for-redis/cache-dotnet-how-to-use-azure-redis-cache>

Ask our Experts

Rate this Question?  

Question 21

Incorrect

Domain :Connect to and Consume Azure Services and Third Party Services

A company is creating an application to carry out restaurant bookings. The data will be indexed by the Azure Search service.

The solution in Azure Search must meet 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.

```
class Customer
{
    [System.ComponentModel.DataAnnotations.Key]
    [IsFilterable]
    public string RestaurantId { get; set; }

    Slot1
    public string Name { get; set; }

    Slot2
    public string Description { get; set; }

    Slot3
    public string Location { get; set; }

    Slot4
    public double Rating { get; set; }

}
```

Which of the following would be the right annotation for Slot1?

- A. [IsSearchable,IsFilterable]
- B. [IsFilterable,IsFacetable,Required]
- C. [IsSearchable]
- ✓ D. [IsSearchable,Required]

Explanation:

Answer – C

Since the name field only needs to be searchable, we can just add the [IsSearchable] filter

The Microsoft documentation mention the below features on each Index attribute

Index attributes

Attribute	Description
<i>Key</i>	A string that provides the unique ID of each document, used for document lookup. Every index must have one key. Only one field can be the key, and its type must be set to Edm.String.
<i>Retrievable</i>	Specifies whether a field can be returned in a search result.
<i>Filterable</i>	Allows the field to be used in filter queries.
<i>Sortable</i>	Allows a query to sort search results using this field.
<i>Facetable</i>	Allows a field to be used in a faceted navigation structure for user self-directed filtering. Typically fields containing repetitive values that you can use to group multiple documents together (for example, multiple documents that fall under a single brand or service category) work best as facets.
<i>Searchable</i>	Marks the field as full-text searchable.

Since this is the ideal approach, all other options are incorrect

For more information on an index in the Azure Search service, one can go to the below link

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

Ask our Experts

Rate this Question?  

Question 22

Correct

Domain :Connect to and Consume Azure Services and Third Party Services

A company is creating an application to carry out restaurant bookings. The data will be indexed by the Azure Search service.

The solution in Azure Search must meet 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.

```
class Customer
{
    [System.ComponentModel.DataAnnotations.Key]
    [IsFilterable]
    public string RestaurantId { get; set; }

    Slot1
    public string Name { get; set; }

    Slot2
    public string Description { get; set; }

    Slot3
    public string Location { get; set; }

    Slot4
    public double Rating { get; set; }

}
```

Which of the following would be the right annotation for Slot2?

- A. [IsSearchable,IsFilterable]
- B. [IsFilterable,IsFacetable,Required]
- C. [IsSearchable]
- ✓ D. [IsSearchable,Required] 

Explanation:

Answer – D

Since the description field needs to be included in the search, we need to ensure we also have the Required annotation in addition to the IsSearchable index attribute

The Microsoft documentation mention the below features on each Index attribute

Index attributes

Attribute	Description
<i>Key</i>	A string that provides the unique ID of each document, used for document lookup. Every index must have one key. Only one field can be the key, and its type must be set to Edm.String.
<i>Retrievable</i>	Specifies whether a field can be returned in a search result.
<i>Filterable</i>	Allows the field to be used in filter queries.
<i>Sortable</i>	Allows a query to sort search results using this field.
<i>Facetable</i>	Allows a field to be used in a faceted navigation structure for user self-directed filtering. Typically fields containing repetitive values that you can use to group multiple documents together (for example, multiple documents that fall under a single brand or service category) work best as facets.
<i>Searchable</i>	Marks the field as full-text searchable.

Since this is the ideal approach, all other options are incorrect

For more information on an index in the Azure Search service, one can go to the below link

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

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Rate this Question?  

Question 23

Correct

Domain :Connect to and Consume Azure Services and Third Party Services

A company is creating an application to carry out restaurant bookings. The data will be indexed by the Azure Search service.

The solution in Azure Search must meet 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.

```
class Customer
{
    [System.ComponentModel.DataAnnotations.Key]
    [IsFilterable]
    public string RestaurantId { get; set; }

    Slot1
    public string Name { get; set; }

    Slot2
    public string Description { get; set; }

    Slot3
    public string Location { get; set; }

    Slot4
    public double Rating { get; set; }

}
```

Which of the following would be the right annotation for Slot3?

- ✓ A. [IsSearchable,IsFilterable]
- B. [IsFilterable,IsFacetable,Required]
- C. [IsSearchable]
- D. [IsSearchable,Required]

Explanation:

Answer – A

Since we need to ensure that we can both make the field searchable and can filter the results, we need to include both the IsSearchable and the IsFilterable index attribute

The Microsoft documentation mention the below features on each Index attribute

Index attributes

Attribute	Description
<i>Key</i>	A string that provides the unique ID of each document, used for document lookup. Every index must have one key. Only one field can be the key, and its type must be set to Edm.String.
<i>Retrievable</i>	Specifies whether a field can be returned in a search result.
<i>Filterable</i>	Allows the field to be used in filter queries.
<i>Sortable</i>	Allows a query to sort search results using this field.
<i>Facetable</i>	Allows a field to be used in a faceted navigation structure for user self-directed filtering. Typically fields containing repetitive values that you can use to group multiple documents together (for example, multiple documents that fall under a single brand or service category) work best as facets.
<i>Searchable</i>	Marks the field as full-text searchable.

Since this is the ideal approach, all other options are incorrect

For more information on an index in the Azure Search service, one can go to the below link

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

Ask our Experts

Rate this Question?  

Question 24

Correct

Domain :Connect to and Consume Azure Services and Third Party Services

A company is creating an application to carry out restaurant bookings. The data will be indexed by the Azure Search service.

The solution in Azure Search must meet 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.

```
class Customer
{
    [System.ComponentModel.DataAnnotations.Key]
    [IsFilterable]
    public string RestaurantId { get; set; }

    Slot1
    public string Name { get; set; }

    Slot2
    public string Description { get; set; }

    Slot3
    public string Location { get; set; }

    Slot4
    public double Rating { get; set; }

}
```

Which of the following would be the right annotation for Slot4?

- ✓ A. [IsSearchable,IsFilterable]
- B. [IsFilterable,IsFacetable,Required]
- C. [IsSearchable]
- D. [IsSearchable,Required]

Explanation:

Answer – A

Since we need to ensure that we can both make the field searchable and can filter the results, we need to include both the IsSearchable and the IsFilterable index attribute

The Microsoft documentation mention the below features on each Index attribute

Index attributes

Attribute	Description
<i>Key</i>	A string that provides the unique ID of each document, used for document lookup. Every index must have one key. Only one field can be the key, and its type must be set to Edm.String.
<i>Retrievable</i>	Specifies whether a field can be returned in a search result.
<i>Filterable</i>	Allows the field to be used in filter queries.
<i>Sortable</i>	Allows a query to sort search results using this field.
<i>Facetable</i>	Allows a field to be used in a faceted navigation structure for user self-directed filtering. Typically fields containing repetitive values that you can use to group multiple documents together (for example, multiple documents that fall under a single brand or service category) work best as facets.
<i>Searchable</i>	Marks the field as full-text searchable.

Since this is the ideal approach, all other options are incorrect

For more information on an index in the Azure Search service, one can go to the below link

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

Ask our Experts

Rate this Question?  

Question 25

Correct

Domain :Implement Azure Security

[View Case Study](#)

You have to ensure that the requirements for the Security PIN in the table in the Azure SQL database are met.

You propose the following solution

"Using the Azure Portal, add Data Masking to the SecurityPin column, and exclude the dbo user.

Add a SQL security policy with a filter predicate based on the user identity"

Does the solution meet the requirement?

A. Yes

✓ B. No 

Explanation:

Answer – B

Data Masking is normally used when you want to mask certain parts of a column data value. Here we need to ensure that the Security PIN cannot be deciphered at all.

For more information on Dynamic Data masking, one can go to the below link

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

Ask our Experts

Rate this Question?  

Question 26

Correct

Domain :Implement Azure Security

[View Case Study](#)

You have to ensure that the requirements for the Security PIN in the table in the Azure SQL database are met.

You propose the following solution

"Enable Always Encrypted for the SecurityPin column using a certificate based on a trusted certificate authority. Ensure users are given instructions to ensure that the certificate is installed on user machines"

Does the solution meet the requirement?

A. Yes

✓ B. No 

Explanation:

Answer – B

Answer should be "No" as the requirements say that all certificates should be stored in Azure Key Vault.

Yes, you can use certificates from a valid certificate authority for enabling Always on Encryption. An example is also given in the Microsoft documentation.

Always Encrypted: Protect sensitive data and store encryption keys in the Windows certificate store

11/07/2018 • 12 minutes to read • Contributors 

This article shows you how to secure sensitive data in a SQL database with database encryption by using the [Always Encrypted Wizard](#) in [SQL Server Management Studio \(SSMS\)](#). It also shows you how to store your encryption keys in the Windows certificate store.

Always Encrypted is a new data encryption technology in Azure SQL Database and SQL Server that helps protect sensitive data at rest on the server, during movement between client and server, and while the data is in use, ensuring that sensitive data never appears as plaintext inside the database system. After you encrypt data, only client applications or app servers that have access to the keys can access plaintext data. For detailed information, see [Always Encrypted \(Database Engine\)](#).

You have to also ensure that the certificate is installed on other user's system as well.

Next steps

After you create a database that uses Always Encrypted, you may want to do the following:

- Run this sample from a different computer. It won't have access to the encryption keys, so it will not have access to the plaintext data and will not run successfully.
- [Rotate and clean up your keys](#).
- [Migrate data that is already encrypted with Always Encrypted](#).
- [Deploy Always Encrypted certificates to other client machines](#) (see the "Making Certificates Available to Applications and Users" section).

For more information on Always Encrypted using a certificate store, one can go to the below link

<https://docs.microsoft.com/en-us/azure/sql-database/sql-database-always-encrypted>

[Ask our Experts](#)Rate this Question?  

Question 27

Correct

Domain :Implement Azure Security

[View Case Study](#)

You have to ensure that the requirements for the Security PIN in the table in the Azure SQL database are met.

You propose the following solution

"Enable Always Encrypted for the SecurityPin column using a certificate contained in Azure Key Vault and grant the WebAppIdentity service principal access to the certificate"

Does the solution meet the requirement?

✓ A. Yes 

B. No

Explanation:

Answer – A

Yes, this is the right way to implement security for the underlying Security PIN column. An example is also given in the Microsoft documentation.

Always Encrypted: Protect sensitive data and store encryption keys in Azure Key Vault

01/03/2019 • 13 minutes to read • Contributors  all

This article shows you how to secure sensitive data in a SQL database with data encryption using the [Always Encrypted Wizard in SQL Server Management Studio \(SSMS\)](#). It also includes instructions that will show you how to store each encryption key in Azure Key Vault.

Always Encrypted is a new data encryption technology in Azure SQL Database and SQL Server that helps protect sensitive data at rest on the server, during movement between client and server, and while the data is in use. Always Encrypted ensures that sensitive data never appears as plaintext inside the database system. After you configure data encryption, only client applications or app servers that have access to the keys can access plaintext data. For detailed information, see [Always Encrypted \(Database Engine\)](#).

For more information on always encryption, one can go to the below link

<https://docs.microsoft.com/en-us/azure/sql-database/sql-database-always-encrypted-azure-key-vault>

Ask our Experts

Rate this Question?  

Question 28

Correct

Domain :Implement Azure Security

[View Case Study](#)

You need to secure the database string in the Database.cs class file. You need to complete the database string as shown below

Server=tcp:whizlabsserver12.database.windows.net,1433;Initial Catalog=whizlabsdb;

Slot1

;

Slot2

Which of the following will go into Slot1?

- ✓ A. Integrated Security=SSPI 
 - B. Trusted_Connection=False
 - C. Network Library=DBNSSOCN
 - D. MultipleActiveResultSets=True
-

Explanation:

Answer – A

Having the Integrated Security=SSPI ensures that we use Window authentication which is a more secure way of authentication

The Microsoft documentation mentions the following

We recommend using Windows Authentication (sometimes referred to as *integrated security*) to connect to data sources that support it. The syntax employed in the connection string varies by provider. The following table shows the Windows Authentication syntax used with the .NET Framework data providers.

Provider	Syntax
SqlClient	Integrated Security=true;
	-- or --
	Integrated Security=SSPI;

Option B is incorrect since this would mean that we need to specify a user name and password to connect to the database

Option C is incorrect since this is used for specifying the network library

Option D is incorrect since this is used for enabling multiple active result sets

For more information on the connection string syntax, one can go to the below link

<https://docs.microsoft.com/en-us/dotnet/framework/data/adonet/connection-string-syntax>

[Ask our Experts](#)

Rate this Question?

Question 29

Correct

Domain :Implement Azure Security

[View Case Study](#)

You need to secure the database string in the Database.cs class file. You need to complete the database string as shown below

Server=tcp:whizlabsserver12.database.windows.net,1433;Initial Catalog=whizlabsdb;

Slot1

;

Slot2

Which of the following will go into Slot2?

- ✓ A. Encrypt=True
- B. Integrated Security=True
- C. Failover Partner = False
- D. Named Pipes = True

Explanation:

Answer – A

Since we need to encrypt data in transit as part of the case study, we have to set the Encrypt Key word to True

Application settings cannot reduce the level of security configured in SQL Server, but can optionally strengthen it. An application can request encryption by setting the `TrustServerCertificate` and `Encrypt` keywords to `true`, guaranteeing that encryption takes place even when a server certificate has not been provisioned and **Force Protocol Encryption** has not been configured for the client. However, if `TrustServerCertificate` is not enabled in the client configuration, a provisioned server certificate is still required.

Option B is incorrect since we are already using the `Integrated Security=SSPI` in the prior option

Option C is incorrect since this is used to specify the name of the failover partner server where database mirroring is configured.

Option D is incorrect since this is used to specify a local address for the database

For more information on the connection string syntax, one can go to the below link

<https://docs.microsoft.com/en-us/dotnet/framework/data/adonet/connection-string-syntax>

Ask our Experts

Rate this Question?

Question 30

Correct

Domain :Implement Azure Security

[View Case Study](#)

You are ensuring that the right script is in place to ensure that the storage account can use customer managed keys in the key vault. You need to complete the below script

```
$resourceGroup = "whizlabs-rg"  
  
$storageAccountName = "documents2019"  
  
$key=Get-AzureRMKeyVault -VaultName 'whizlabsvault'  
  
$storageAccount = Get-AzureRmStorageAccount -ResourceGroupName $resourceGroup -Name  
$storageAccountName  
  
Set-AzKeyVaultAccessPolicy -VaultName $keyVault.VaultName -ObjectId  
$storageAccount.Identity.PrincipalId
```

Slot1

Which of the following would go into Slot1 to complete the script?

- ✓ A. -PermissionsToKeys wrapkey, unwrapkey, get
- B. -PermissionsToKeys create, encrypt, decrypt
- C. -PermissionsToCertificates wrapkey, unwrapkey, get
- D. -PermissionsToCertificates create, encrypt, decrypt

Explanation:

Answer - A

An example of this is given in the Microsoft documentation. Here the required permissions for accessing the key from the Key vault for the Azure storage account are carried out via powershell

PowerShell Copy

```
$storageAccount = Get-AzStorageAccount -ResourceGroupName "myresourcegroup" -AccountName "mystorageaccount"
$keyVault = Get-AzKeyVault -VaultName "mykeyvault"
$key = Get-AzureKeyVaultKey -VaultName $keyVault.VaultName -Name "keytoencrypt"
Set-AzKeyVaultAccessPolicy
  -VaultName $keyVault.VaultName
  -ObjectId $storageAccount.Identity.PrincipalId
  -PermissionsToKeys wrapkey,unwrapkey,get
Set-AzStorageAccount -ResourceGroupName $storageAccount.ResourceGroupName
  -AccountName $storageAccount.StorageAccountName
  -KeyvaultEncryption
  -KeyName $key.Name
  -KeyVersion $key.Version
  -KeyVaultUri $keyVault.VaultUri
```

Since this is clearly mentioned in the Microsoft documentation, all other options are incorrect

For more information on using customer encryption keys with the storage account, one can go to the below link

<https://docs.microsoft.com/en-us/azure/storage/common/storage-service-encryption-customer-managed-keys>

Ask our Experts

Rate this Question?  

Question 31

Correct

Domain :Monitor,troubleshoot,and optimize Azure solutions

[View Case Study](#)

You have to ensure that the database.cs class has the necessary code for ensuring retries are in place in case of any database related failure. You need to complete the following code segment

```
var policy=
```

Slot1

```
.Handle<Exception>()
```

Slot2

Which of the following would go into Slot1?

- ✓ A. Policy
- B. RetryPolicy
- C. RetryOptions
- D. ReconnectRetryPolicy

Explanation:

Answer – A

An example of this is given in the Microsoft documentation.

```
public async static Task<SqlDataReader> ExecuteReaderWithRetryAsync(this SqlCommand command)
{
    GuardConnectionIsNotNull(command);

    var policy = Policy.Handle<Exception>().WaitAndRetryAsync(
        retryCount: 3, // Retry 3 times
        sleepDurationProvider: attempt => TimeSpan.FromMilliseconds(200 * Math.Pow(2, attempt - 1)), // Exponential backoff
        onRetry: (exception, attempt) =>
    {
        // Capture some info for logging/telemetry.
        logger.LogWarning($"ExecuteReaderWithRetryAsync: Retry {attempt} due to {exception}.");
    });
}
```

Since this is clearly mentioned in the Microsoft documentation, all other options are incorrect

For more information on best practices for retry options for various Azure services, one can go to the below link

<https://docs.microsoft.com/en-us/azure/architecture/best-practices/retry-service-specific>

Ask our Experts

Rate this Question?

Question 32

Correct

Domain :Monitor,troubleshoot, and optimize Azure solutions

[View Case Study](#)

You have to ensure that the database.cs class has the necessary code for ensuring retries are in place in case of any database related failure. You need to complete the following code segment

```
var policy= Slot1
```

```
.Handle<Exception>()
```

```
Slot2
```

Which of the following would go into Slot2?

- A. .Retry(3)
- B. CircuitBreaker(3,TimeSpace.fromMilliseconds(1000));
- C. WaitAndRetryAsync(3,a=>TimeSpan.FromMilliseconds(100));
- D. ✓ WaitAndRetryAsync(3,a=>TimeSpan.FromMilliseconds(200 * Math.Pow(2, attempt - 1)));

Explanation:

Answer – D

An example of this is given in the Microsoft documentation.

```

public async static Task<SqlDataReader> ExecuteReaderWithRetryAsync(this SqlCommand command)
{
    GuardConnectionIsNotNull(command);

    var policy = Policy.Handle<Exception>().WaitAndRetryAsync(
        retryCount: 3, // Retry 3 times
        sleepDurationProvider: attempt => TimeSpan.FromMilliseconds(200 * Math.Pow(2, attempt - 1)), // Exponential backoff
        onRetry: (exception, attempt) =>
    {
        // Capture some info for logging/telemetry.
        logger.LogWarning($"ExecuteReaderWithRetryAsync: Retry {attempt} due to {exception}.");
    });
}

```

Since this is clearly mentioned in the Microsoft documentation, all other options are incorrect

For more information on best practices for retry options for various Azure services, one can go to the below link

<https://docs.microsoft.com/en-us/azure/architecture/best-practices/retry-service-specific>

Ask our Experts

Rate this Question?

Question 33

Incorrect

Domain :Develop for Azure Storage

[View Case Study](#)

You have to ensure you use the right technique to get valid links for the processing reports. Which of the following would you implement for this?

- ✓ A. Create a SharedAccessBlobPolicy and add it to the containers
- B. Create a SharedAccessBlobPolicy and set the expiry time to two weeks from today. Call GetSharedAccessSignature on the blob and use the resulting link.
- C. Create a SharedAccessAccountPolicy and call GetsharedAccessSignature on storage account and use the resulting link.
- D. Create a SharedAccessBlobPolicy and set the expiry time to two weeks from today. Call GetSharedAccessSignature on the container and use the resulting link.

Explanation:

Answer – B

An example of this is given in the Microsoft documentation

Generate a shared access signature URI for a blob

Next, we write similar code to create a new blob within the container and generate a shared access signature for it. This shared access signature is not associated with a stored access policy, so it includes the start time, expiry time, and permission information in the URI.

Add a new method that creates a new blob and writes some text to it, then generates a shared access signature and returns the signature URI:

```
C# Copy
static string GetBlobSasUri(CloudBlobContainer container)
{
    //Get a reference to a blob within the container.
    CloudBlockBlob blob = container.GetBlockBlobReference("sasblob.txt");

    //Upload text to the blob. If the blob does not yet exist, it will be created.
    //If the blob does exist, its existing content will be overwritten.
    string blobContent = "This blob will be accessible to clients via a shared access signature (SAS).";
    blob.UploadText(blobContent);

    //Set the expiry time and permissions for the blob.
    //In this case, the start time is specified as a few minutes in the past, to mitigate clock skew.
    //The shared access signature will be valid immediately.
    SharedAccessBlobPolicy sasConstraints = new SharedAccessBlobPolicy();
1
    sasConstraints.SharedAccessStartTime = DateTimeOffset.UtcNow.AddMinutes(-5);
    sasConstraints.SharedAccessExpiryTime = DateTimeOffset.UtcNow.AddHours(24);
    sasConstraints.Permissions = SharedAccessBlobPermissions.Read | SharedAccessBlobPermissions.Write;

    //Generate the shared access signature on the blob, setting the constraints directly on the signature.
2
    string sasBlobToken = blob.GetSharedAccessSignature(sasConstraints);

    //Return the URI string for the container, including the SAS token.
    return blob.Uri + sasBlobToken;
}
```

Option A is incorrect because you cannot add the policy to the container

Option C is incorrect because you need to create a Shared Blob policy

Option D is incorrect because you should create a Shared Access Signature on the BLOB for a least privilege approach

For more information on using shared access signatures from .Net, one can go to the below link

<https://docs.microsoft.com/en-us/azure/storage/blobs/storage-dotnet-shared-access-signature-part-2>

Ask our Experts

Rate this Question?  

Question 34

Correct

Domain :Monitor, troubleshoot, and optimize Azure solutions

[View Case Study](#)

The team is complaining on Log capacity issues due the amount of trace messages provided by Application Insights. Which of the following could be used to resolve the issue?

- ✓ A. Implement Application Insights Sampling. 
- B. Change the minimum log level in the host.json file for the function.
- C. Create an Application Insights Telemetry Filter.
- D. Set a LogCategoryFilter during startup.

Explanation:

Answer – A

The Microsoft documentation mentions the following

Sampling in Application Insights

02/07/2019 • 18 minutes to read • Contributors 

Sampling is a feature in [Azure Application Insights](#). It is the recommended way to reduce telemetry traffic and storage, while preserving a statistically correct analysis of application data. The filter selects items that are related, so that you can navigate between items when you are doing diagnostic investigations. When metric counts are presented to you in the portal, they are renormalized to take account of the sampling, to minimize any effect on the statistics.

Sampling reduces traffic and data costs, and helps you avoid throttling.

Since this is clearly mentioned in the Microsoft documentation, all other options are incorrect

For more information on Application Insights sampling, one can go to the below link

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

Ask our Experts

Rate this Question?  

Question 35

Incorrect

Domain :Monitor,troubleshoot,and optimize Azure solutions

[View Case Study](#)

You have to implement the GetCredentials method to get the access tokens via the Managed Service Identity. You have to complete the below code segment

```
var az = new
```

Slot1

```
string accessToken = await az.
```

Slot2

```
(".....");
```

Which of

the following would go into Slot1?

- A. `GetAccessTokenAsync()`
- B. `AzureServiceTokenProvider()` 

✓ C. MSITokenProvider() 

D. GetAuthenticationHeaderAsync()

Explanation:

Answer – B

An example of this is given in the Microsoft documentation

1. Add references to the [Microsoft.Azure.Services.AppAuthentication](#) and [Microsoft.Azure.KeyVault](#) NuGet packages to your application.
2. Add the following code to your application:

```
C#   
  
using Microsoft.Azure.Services.AppAuthentication;  
using Microsoft.Azure.KeyVault;  
// ...  
var azureServiceTokenProvider = new AzureServiceTokenProvider();  
string accessToken = await azureServiceTokenProvider.GetAccessTokenAsync("https://management.azure.co  
// OR  
var kv = new KeyVaultClient(new KeyVaultClient.AuthenticationCallback(azureServiceTokenProvider.KeyVa
```

Since this is clearly mentioned in the Microsoft documentation, all other options are incorrect

For more information on how to generate tokens for managed identities, one can go to the below link

<https://docs.microsoft.com/en-us/azure/active-directory/managed-identities-azure-resources/how-to-use-vm-token>

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Rate this Question?  

Question 36

Correct

Domain :Monitor,troubleshoot,and optimize Azure solutions

[View Case Study](#)

You have to implement the GetCredentials method to get the access tokens via the Managed Service Identity. You have to complete the below code segment

```
var az = new
```

Slot1

```
string accessToken = await az.
```

Slot2

```
(".....");
```

the following would go into Slot2?

- ✓ A. `GetAccessTokenAsync()` ✓
- B. `AzureServiceTokenProvider()`
- C. `MSITokenProvider()`
- D. `GetAuthenticationHeaderAsync()`

Which of

Explanation:

Answer – A

An example of this is given in the Microsoft documentation

1. Add references to the [Microsoft.Azure.Services.AppAuthentication](#) and [Microsoft.Azure.KeyVault](#) NuGet packages to your application.
2. Add the following code to your application:

C#

Copy

```
using Microsoft.Azure.Services.AppAuthentication;
using Microsoft.Azure.KeyVault;
// ...
var azureServiceTokenProvider = new AzureServiceTokenProvider();
string accessToken = await azureServiceTokenProvider.GetAccessTokenAsync("https://management.azure.com");
// OR
var kv = new KeyVaultClient(new KeyVaultClient.AuthenticationCallback(azureServiceTokenProvider.KeyVa
```

Since this is clearly mentioned in the Microsoft documentation, all other options are incorrect

For more information on how to generate tokens for managed identities, one can go to the below link

<https://docs.microsoft.com/en-us/azure/active-directory/managed-identities-azure-resources/how-to-use-vm-token>

Ask our Experts

Rate this Question?

Question 37

Correct

Domain :Monitor, troubleshoot, and optimize Azure solutions

View Case Study

You need to implement data masking for the Expense Account column so that the users would see the values in the following format

XXXX-XXX-1234

So, the last 4 numbers would be shown for the user.

Select how to mask

Masking field format

Custom string (prefix [padding] suffix)

Exposed Prefix Padding String Exposed Suffix

What would you select as the "Exposed Prefix"?

- A. 0
- B. 4
- C. 7
- D. 9

Explanation:

Answer – A

Since we should not expose the prefix we need to make the Prefix as 0.

Since this is the right approach all other options are incorrect

For more information on dynamic data masking, one can go to the below link

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

Ask our Experts

Rate this Question?

Question 38

Correct

Domain :Monitor, troubleshoot, and optimize Azure solutions

[View Case Study](#)

You need to implement data masking for the Expense Account column so that the users would see the values in the following format

XXXX-XXX-1234

So, the last 4 numbers would be shown for the user.

Select how to mask

Masking field format

Custom string (prefix [padding] suffix) ▾

Exposed Prefix Padding String Exposed Suffix

What would you select as the "Exposed Suffix"?

- A. 0
- B. 4
- C. 7
- D. 9

Explanation:

Answer – B

Since we should expose the last four digits we need to make the suffix as 4.

Since this is the right approach all other options are incorrect

For more information on dynamic data masking, one can go to the below link

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

[Ask our Experts](#)

Rate this Question?

Question 39

Correct

Domain :Develop Azure Platform as a Service Compute Solutions

You have to develop an Azure CLI script to work with the Azure Batch service to run a number of jobs.

The following snippets for the Azure CLI script are in place.

```
az batch task create \
--task-id whizlabstask$i \
--job-id whizlabsjob \
--command-line "..."
```

1

```
az batch pool create \
--id whizlabspool --vm-size Standard_A1_v2 \
--target-dedicated-nodes 2 \
--image canonical:ubuntuserver:16.04-LTS \
--node-agent-sku-id "batch.node.ubuntu 16.04"
```

2

```
for i in {1..number_of_jobs}
do
```

3

```
az batch job create \
--id whizlabsjob \
--pool-id whizlabspool
```

4

You have to run the snippets in the right order.

Which of the following is the right order to run the scripts?

- A. 1,2,3,4

✓ B. 2,4,3,1 ✓

C. 1,3,4,2

D. 2,3,1,4

Explanation:

Answer – B

The right order is given in the Microsoft documentation as shown below

Create a pool of compute nodes

Now that you have a Batch account, create a sample pool of Linux compute nodes using the [az batch pool create](#) command. The following example creates a pool named *mypool* of 2 size *Standard_A1_v2* nodes running Ubuntu 16.04 LTS. The suggested node size offers a good balance of performance versus cost for this quick example.

Azure CLI

Copy

Try It

```
az batch pool create \
--id mypool --vm-size Standard_A1_v2 \
--target-dedicated-nodes 2 \
--image canonical:ubuntuserver:16.04-LTS \
--node-agent-sku-id "batch.node.ubuntu 16.04"
```

Create a job

Now that you have a pool, create a job to run on it. A Batch job is a logical group for one or more tasks. A job includes settings common to the tasks, such as priority and the pool to run tasks on. Create a Batch job by using the [az batch job create](#) command. The following example creates a job *myjob* on the pool *mypool*. Initially the job has no tasks.

Azure CLI

[Copy](#)[Try It](#)

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

Create tasks

Now use the [az batch task create](#) command to create some tasks to run in the job. In this example, you create four identical tasks. Each task runs a [command-line](#) to display the Batch environment variables on a compute node, and then waits 90 seconds. When you use Batch, this command line is where you specify your app or script. Batch provides a number of ways to deploy apps and scripts to compute nodes.

The following Bash script creates 4 parallel tasks (*mytask1* to *mytask4*).

Azure CLI

[Copy](#)[Try It](#)

```
for i in {1..4}
do
    az batch task create \
    --task-id mytask$i \
    --job-id myjob \
    --command-line "/bin/bash -c 'printenv | grep AZ_BATCH; sleep 90s'"
done
```

Since the right order is given in the Microsoft documentation, all other options are incorrect

For more information on creating Azure batch jobs via the CLI, one can go to the below link

<https://docs.microsoft.com/en-us/azure/batch/quick-create-cli>

[Ask our Experts](#)

Rate this Question?

Question 40**Correct****Domain :Develop for Azure Storage**

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

Below is the table structure

Column
FirstName
Partition Key
LastName
RowKey
Email
Property

Below are some of the rows in the table

The screenshot shows the Azure Storage Tables service interface. On the left, there's a sidebar with icons for BLOB CONTAINERS, FILE SHARES, QUEUES, TABLES, and a Customer table. The Customer table is selected and expanded, showing its rows. The main area has a search bar at the top and a toolbar with Query, Add, Edit, Select All, More, and other options. Below the toolbar is a table with columns: PARTITIONKEY, ROWKEY, TIMESTAMP, and EMAIL. The data rows are:

PARTITIONKEY	ROWKEY	TIMESTAMP	EMAIL
James	Doe	2019-03-06T10:29:58.256Z	James@whizlabs.com
John	Smith	2019-03-06T10:29:18.0667815Z	John@whizlabs.com
Mark	Carter	2019-03-06T10:29:34.843Z	Mark@whizlabs.com

If you need to retrieve the row where the First Name = "James", which of the following statement would you issue from a C# program

- A.

```
TableQuery query = new TableQuery().Where(TableQuery.GenerateFilterCondition("FirstName", QueryComparisons.Equal, "James"));
```
- B.

```
TableQuery query = new TableQuery().Where(TableQuery.GenerateFilterCondition("FirstName", Equal, "James"));
```

- TableQuery query = new
- ✓ C. TableQuery().Where(TableQuery.GenerateFilterCondition("PartitionKey", QueryComparisons.Equal, "James")); 
- TableQuery query = new
- D. TableQuery().Where(TableQuery.GenerateFilterCondition("PartitionKey", Equal, "James")); 

Explanation:

Answer – C

Since the First Name is the partition Key, we need to use the Partition Key to retrieve the entity.

Options A and B are incorrect since we need to use the Partition Key to query the entity

Option D is incorrect since we need to use QueryComparisons.Equal clause

For more information accessing table storage from .Net, one can go to the below link

<https://docs.microsoft.com/en-us/azure/cosmos-db/table-storage-how-to-use-dotnet>

Ask our Experts

Rate this Question?  

Question 41

Correct

Domain :Develop for Azure Storage

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

Below is the table structure

Column

FirstName

Partition Key

LastName

RowKey

Email

Property

Below are some of the rows in the table

The screenshot shows the Whizlabs Azure Storage Explorer. On the left, there's a sidebar with a search bar and sections for BLOB CONTAINERS, FILE SHARES, QUEUES, and TABLES. Under TABLES, there's a 'Customer' table. The table has columns: PARTITIONKEY, ROWKEY, TIMESTAMP, and EMAIL. There are four rows: James (PartitionKey: James, RowKey: Smith, Timestamp: 2019-03-06T10:39:17.263Z, Email: Smith@whizlabs.com), John (PartitionKey: John, RowKey: Smith, Timestamp: 2019-03-06T10:29:18.0667815Z, Email: Smith@whizlabs.com), and Mark (PartitionKey: Mark, RowKey: Carter, Timestamp: 2019-03-06T10:29:34.843Z, Email: Mark@whizlabs.com). The row for John is highlighted.

You have the following code statement from a C# program

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

Would this return all the entities where the RowKey is Smith@whizlabs.com?

- A. Yes
- B. No

Explanation:

Answer – B

Here since we have the AND operator, we need both of the conditions to be fulfilled.

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

And this is not fulfilled with the following row

PARTITIONKEY	ROWKEY	TIMESTAMP	EMAIL
James	Smith	2019-03-06T10:39:17.263Z	Smith@whizlabs.com
John	Smith	2019-03-06T10:29:18.0667815Z	Smith@whizlabs.com
Mark	Carter	2019-03-06T10:29:34.843Z	Mark@whizlabs.com

For more information on accessing table storage from .Net, one can go to the below link

<https://docs.microsoft.com/en-us/azure/cosmos-db/table-storage-how-to-use-dotnet>

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Question 42

Correct

Domain :Develop for Azure Storage

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

Below is the table structure

Column
FirstName
Partition Key
LastName
RowKey
Email
Property

Below are some of the rows in the table

The screenshot shows the Azure Storage Explorer interface. On the left, there's a sidebar with a search bar and navigation links for Blob Containers, File Shares, Queues, Tables, and a selected 'Customer' table. The main area displays a table with the following data:

PARTITIONKEY	ROWKEY	TIMESTAMP	EMAIL
James	Smith	2019-03-06T10:39:17.263Z	Smith@whizlabs.com
John	Smith	2019-03-06T10:29:18.0667815Z	Smith@whizlabs.com
Mark	Carter	2019-03-06T10:29:34.843Z	Mark@whizlabs.com

Is the below .Net Code query

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

```

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

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

✓ A. Yes 

B. No

Explanation:

Answer – A

Yes, this is the same. Below is an example of the request sent from a POSTMAN tool. Here you can see the valid output of the entity.

```

1 <?xml version="1.0" encoding="utf-8"?>
2 <entry xml:base="https://whizlabsstore.table.core.windows.net/" xmlns="http://www.w3.org/2005/Atom" xmlns:d="http://schemas.microsoft.com/ado/2007/08/dataservices" xmlns:m="http://schemas.microsoft.com/ado/2007/08/dataservices/metadata" xmlns:georss="http://www.georss.org/georss" xmlns:gml="http://www.opengis.net/gml" m:etag="W/&quot;datetime'2019-03-06T10%3A39%3A17.2634184Z&quot;">
3   <id>https://whizlabsstore.table.core.windows.net/Customer(PartitionKey='James',RowKey='Smith')</id>
4   <category term="whizlabsstore.Customer" scheme="http://schemas.microsoft.com/ado/2007/08/dataservices/scheme" />
5   <link rel="edit" title="Customer" href="Customer(PartitionKey='James',RowKey='Smith')" />
6   <title />
7   <updated>2019-03-06T10:50:34Z</updated>
8   <author>
9     <name />
10    </author>
11   <content type="application/xml">
12     <m:properties>
13       <d:PartitionKey>James</d:PartitionKey>
14       <d:RowKey>Smith</d:RowKey>
15       <d:Timestamp m:type="Edm.DateTime">2019-03-06T10:39:17.2634184Z</d:Timestamp>
16       <d>Email>Smith@whizlabs.com</d>Email>
17     </m:properties>
18   </content>
19 </entry>

```

For more information on accessing table storage from REST API, one can go to the below link

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

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Question 43

Correct

Domain :Develop Azure Infrastructure as a Service Compute Solutions

As a developer you need to create a Dockerfile for an application. The application will be based on ASP.NET core. The application has the following requirements

Ensure that the application whizlabsApp.dll runs at the startup of the docker container

Run a powershell script called whizlabscsrsscript.ps1 in the Docker container

The whizlabsApp.dll and the whizlabscsrsscript.ps1 are in the same location as the DockerFile. Which of the following commands would you place in the DockerFile?

- ✓ A. FROM microsoft/dotnet:2.2-aspnetcore-runtime ✓
- B. EXPOSE whizlabsApp.dll ,whizlabscscrip.ps1
- ✓ C. ENTRYPOINT ["dotnet", "whizlabsApp.dll "] ✓
- D. ENTRYPOINT ["whizlabsApp.dll", "whizlabscscrip.ps1"]
- ✓ E. RUN powershell "whizlabscscrip.ps1" ✓
- F. RUN "whizlabsApp.dll","whizlabscscrip.ps1"

Explanation:

Answer - A,C and E

Examples of DockerFiles are given in the Microsoft documentation. The below example shows how to define the base image and run an application on startup of the docker container

The following example shows a sample Dockerfile for an ASP.NET Core container.

Dockerfile	Copy
<pre>FROM microsoft/dotnet:2.2-aspnetcore-runtime ARG source WORKDIR /app EXPOSE 80 COPY \${source:-obj/Docker/publish} . ENTRYPOINT ["dotnet", "MySingleContainerWebApp.dll"]</pre>	

In this case, the image is based on version 2.2 of the official ASP.NET Core Docker image (multi-arch for Linux and Windows). This is the setting `FROM microsoft/dotnet:2.2-aspnetcore-runtime`. (For more information about this base image, see the [.NET Core Docker Image](#) page.) In the Dockerfile, you also need to instruct Docker to listen on the TCP port you will use at runtime (in this case, port 80, as configured with the `EXPOSE` setting).

You can specify additional configuration settings in the Dockerfile, depending on the language and framework you're using. For instance, the `ENTRYPOINT` line with `["dotnet", "MySingleContainerWebApp.dll"]` tells Docker to run a .NET Core application. If you're using the SDK and the .NET Core CLI (dotnet CLI) to build and run the .NET application, this setting would be different. The bottom line is that the `ENTRYPOINT` line and other settings will be different depending on the language and platform you choose for your application.

And the below example shows how to run a powershell script

Using PowerShell commands in a Dockerfile to set up Windows Containers

[Windows Containers](#) allow you to convert your existing Windows applications into Docker images and deploy them with the same tools as the rest of the Docker ecosystem. To use Windows Containers, you run PowerShell commands in the Dockerfile, as shown in the following example:

```
Dockerfile Copy  
  
FROM microsoft/windowsservercore  
LABEL Description="IIS" Vendor="Microsoft" Version="10"  
RUN powershell -Command Add-WindowsFeature Web-Server  
CMD [ "ping", "localhost", "-t" ]
```

Based on the examples given in the documentation, all other options are incorrect

For more information on a complete docker application workflow, one can go to the below link

<https://docs.microsoft.com/en-us/dotnet/standard/microservices-architecture/docker-application-development-process/docker-app-development-workflow>

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Question 44

Correct

Domain :Connect to and Consume Azure Services and Third Party Services

A company is developing a solution that allows smart devices to send information to a central location. The solution must receive and store messages until they can be processed. You have to creates a service bus queue in the specified service bus namespace "Whizlabs" 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?

- New-AzureRmServiceBusQueue
-ResourceGroupName "whizlabs-rg"
- ✓ A. -NamespaceName whizlabs
-Name whizlabsqueue
-EnablePartitioning \$False
- B. az group create --name "whizlabs-rg" --location "Central US"
- C. New-AzureRmResourceGroup -Name "whizlabs-rg" -Location "Central US"
- D. New-AzureRmServiceBusNamespace -ResourceGroup "whizlabs-rg" -NamespaceName whizlabs -Location WestUS -SkuName "Standard"

Explanation:

Answer – A

Since the question already states that we have a resource group and namespace in place, we can just use the "New-AzureRmServiceBusQueue" to create a new queue in the namespace

Since all of the other resources are already in place as per the question, all other options are invalid

For more information on using the Azure CLI for working with the Azure Service Bus, one can go to the below link

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

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Question 45

Correct

Domain :Connect to and Consume Azure Services and Third Party Services

[View Case Study](#)

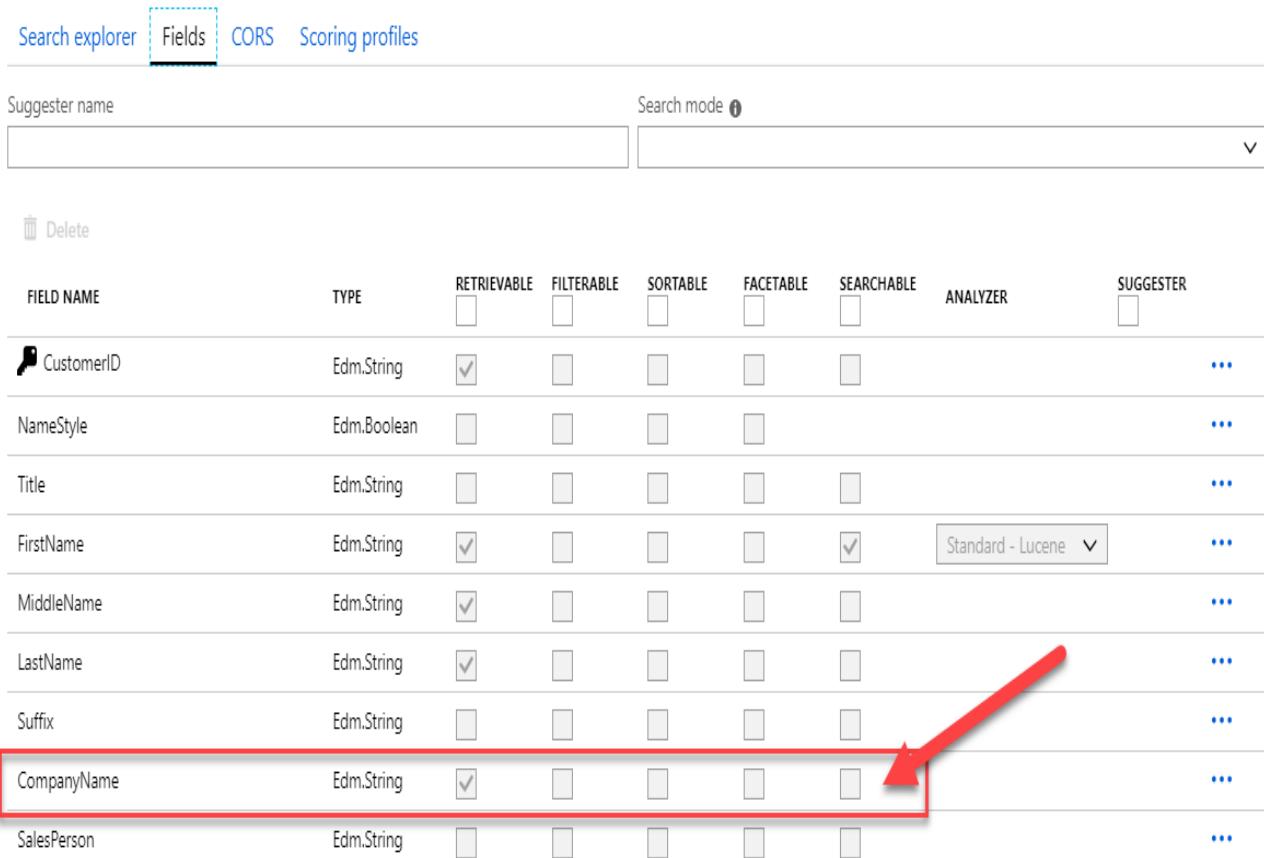
If the team member search for the entire string of "A Bike Store" instead of just "Bike", they will get the required result.

- A. Yes
- ✓ B. No 

Explanation:

Answer – B

Here the underlying issue is that the Company name attribute is not marked as searchable so you will not be able to search for values in the attribute Company Name



FIELD NAME	TYPE	RETRIEVABLE	FILTERABLE	SORTABLE	FACETABLE	SEARCHABLE	ANALYZER	SUGGESTER
CustomerID	Edm.String	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		...
NameStyle	Edm.Boolean	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		...
Title	Edm.String	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		...
FirstName	Edm.String	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Standard - Lucene	...
MiddleName	Edm.String	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		...
LastName	Edm.String	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		...
Suffix	Edm.String	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		...
CompanyName	Edm.String	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		...
SalesPerson	Edm.String	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		...

For more information on creating an index in Azure Search, one can go to the below link

<https://docs.microsoft.com/en-us/azure/search/search-create-index-portal>

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Question 46

Correct

Domain :Connect to and Consume Azure Services and Third Party Services

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You can just mark the Company name field with the 'Searchable' attribute and run the query again?

A. Yes

✓ B. No

Explanation:

Answer – B

You will need to rebuild the entire index again to make searches against the Company name field

Below is an excerpt from the Microsoft documentation on one of the conditions that would required the entire Index to be rebuilt again.

Rebuild conditions

Condition	Description
Change a field definition	Revising a field name, data type, or specific index attributes (searchable, filterable, sortable, facetable) requires a full rebuild.

For more information on how to re-index, one can go to the below link

<https://docs.microsoft.com/en-us/azure/search/search-howto-reindex>

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Question 47

Correct

Domain :Connect to and Consume Azure Services and Third Party Services

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You can create a new index with the Company Name attribute marked as 'Searchable'?

- ✓ A. Yes 
- B. No

Explanation:

Answer – A

Yes, once you mark the field as searchable, then you can search based on the Company Name.

An example is shown below

Here we have created a new index with the Company Name attribute marked as searchable

FIELD NAME	TYPE	RETRIEVABLE	FILTERABLE	SORTABLE	FACTETABLE	SEARCHABLE	ANALYZER	SUGGESTER
CustomerID	Edm.String	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
NameStyle	Edm.Boolean	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
Title	Edm.String	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
FirstName	Edm.String	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Standard - Lucene	<input type="checkbox"/>
MiddleName	Edm.String	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
LastName	Edm.String	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
Suffix	Edm.String	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
CompanyName	Edm.String	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Standard - Lucene	<input type="checkbox"/>
SalesPerson	Edm.String	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>

Then we can use the Search explorer to search based on the Company Name

Search explorer Fields CORS Scoring profiles

Query string: Bike

API version: 2017-11-11

Request URL: https://whizlabssearch.search.windows.net/indexes/azuresql-index1/docs?api-version=2017-11-11&search=Bike

Results

```

1  {
2      "@odata.context": "https://whizlabssearch.search.windows.net/indexes('azuresql-index1')/$metadata#docs(*)",
3      "value": [
4          {
5              "@search.score": 1.6155415,
6              "CustomerID": "1",
7              "FirstName": "Orlando",
8              "MiddleName": "N.",
9              "LastName": "Gee",
10             "CompanyName": "A Bike Store"
11         },

```

For more information on creating an index in Azure Search, one can go to the below link

<https://docs.microsoft.com/en-us/azure/search/search-create-index-portal>

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Question 48

Correct

Domain :Develop for Azure Storage

A team needs to create an Azure CosmosDB account and ensure that regional failover's are in place for the account. Which of the following is a valid CLI command for creation of the CosmosDB account?

- ✓ A.

```
az cosmosdb update \
    --name "whizlabscosmosdb" \
    --resource-group "whizlabs-rg" \
    --locations "South Central US"=0 "North Central US"=1 "East US"=2
```
- B.

```
az cosmosdb update \
    --name "whizlabscosmosdb" \
    --resource-group "whizlabs-rg" \
    --locations 3
```
- C.

```
az cosmosdb update \
    --name "whizlabscosmosdb" \
    --resource-group "whizlabs-rg" \
    --locations "South Central US"=3
```
- D.

```
az cosmosdb update \
    --name "whizlabscosmosdb" \
    --resource-group "whizlabs-rg" \
    --enable-locations
```



Explanation:

Answer – A

The Microsoft documentation mentions the correct CLI command to use for ensuring a Cosmos DB account is created in multiple regions

Since this is clearly mentioned, all other options are incorrect

For more information on how to enable multi-region for CosmosDB, one can go to the below link

<https://docs.microsoft.com/en-us/azure/cosmos-db/scripts/scale-multiregion-cli>

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Question 49

Correct

Domain :Connect to and Consume Azure Services and Third Party Services

A developer has setup a web application in Azure and also setup Azure CDN to route requests to the Web App. One of the requirements is to ensure that if users make requests based on passing an ID parameter, then those requests should always be served from a Point of Presence. An example of the URL is given below

<https://whizlabs.com/Customer.aspx?ID=1>

Which of the following mode should be set for the query string setting for the CDN service?

- A. Ignore query strings
- B. Default setting
- C. Bypass caching
- ✓ D. Cache every unique URL

Explanation:

Answer - D

Below are the different settings available for the CDN when it comes to caching of the query string.

Since we need to ensure that query strings are cached, we have to choose the option of 'Cache every unique URL'

- **Ignore query strings:** Default mode. In this mode, the CDN point-of-presence (POP) node passes the query strings from the requestor to the origin server on the first request and caches the asset. All subsequent requests for the asset that are served from the POP ignore the query strings until the cached asset expires.
- **Bypass caching for query strings:** In this mode, requests with query strings are not cached at the CDN POP node. The POP node retrieves the asset directly from the origin server and passes it to the requestor with each request.
- **Cache every unique URL:** In this mode, each request with a unique URL, including the query string, is treated as a unique asset with its own cache. For example, the response from the origin server for a request for example.ashx?q=test1 is cached at the POP node and returned for subsequent caches with the same query string. A request for example.ashx?q=test2 is cached as a separate asset with its own time-to-live setting.

Since this is the ideal approach, all other options are incorrect

For more information on working with query strings for CDN, one can go to the below link

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

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Question 50

Correct

Domain :Develop for Azure Storage

An application is being developed that interacts with BLOB's in Azure storage. There is a requirement to ensure that concurrent updates don't happen for the same BLOB object. Which of the following would you implement in the code for this requirement?

- A. Set the BLOB properties
- B. Set the BLOB metadata
- C. Set a Lease for the BLOB
- D. Take a snapshot of the BLOB

Explanation:

Answer – C

To work with concurrency for BLOB objects, you can acquire a lease for the BLOB. The Microsoft documentation mentions the following

Lease Blob

06/14/2018 • 14 minutes to read • Contributors

The `Lease Blob` operation establishes and manages a lock on a blob for write and delete operations. The lock duration can be 15 to 60 seconds, or can be infinite. In versions prior to 2012-02-12, the lock duration is 60 seconds.

Since this is the ideal approach, all other options are incorrect

For more information on the lease feature for the BLOB, one can go to the below link

<https://docs.microsoft.com/en-us/rest/api/storageservices/lease-blob>

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Question 51

Incorrect

Domain :Monitor,troubleshoot,and optimize Azure solutions

A development team needs to setup an Azure Web App using the Azure App service. They also have to ensure that the Web App is connected to an Azure Redis Cluster. They need to develop an Azure CLI script for this

You have to complete the below script for the above-mentioned requirement

```
az appservice plan create --name whizlabsplan --resource-group whizlabs-rg \
--location $location
```

Slot1 --name \$appName --plan whizlabsplan --resource-group whizlabs-rg

redis=\$(Slot2 --name \$appName --resource-group whizlabs-rg \

--location \$location --vm-size C0 --sku Basic --query [hostName,sslPort] --output tsv))

key=\$(Slot3 --name \$appName --resource-group whizlabs-rg \

--query primaryKey --output tsv)

az webapp config Slot4 set --name \$appName --resource-group whizlabs-rg \

--settings "REDIS_URL=\${redis[0]}" "REDIS_PORT=\${redis[1]}" "REDIS_KEY=\$key"

Which of the following would go into Slot1?

- ✓ A. az appservice plan create

B. az webapp create 

C. az redis create

D. az group create

Explanation:

Answer – B

An example of this is given in the Microsoft documentation

```
# Create a Resource Group
az group create --name myResourceGroup --location $location

# Create an App Service Plan
az appservice plan create --name myAppServicePlan --resource-group myResourceGroup \
--location $location

# Create a Web App
az webapp create --name $appName --plan myAppServicePlan --resource-group myResourceGroup

# Create a Redis Cache
redis=$(az redis create --name $appName --resource-group myResourceGroup \
--location $location --vm-size C0 --sku Basic --query [hostName,sslPort] --output tsv)

# Get access key
key=$(az redis list-keys --name $appName --resource-group myResourceGroup \
--query primaryKey --output tsv)

# Assign the connection string to an App Setting in the Web App
az webapp config appsettings set --name $appName --resource-group myResourceGroup \
--settings "REDIS_URL=${redis[0]}" "REDIS_PORT=${redis[1]}" "REDIS_KEY=$key"
```

Since this is clearly given, all other options are invalid

For more information on the CLI script for an Azure Web app to connect to a Redis cluster, one can go to the below link

<https://docs.microsoft.com/en-us/azure/app-service/scripts/cli-connect-to-redis>

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Question 52

Incorrect

Domain :Monitor,troubleshoot, and optimize Azure solutions

A development team needs to setup an Azure Web App using the Azure App service. They also have to ensure that the Web App is connected to an Azure Redis Cluster. They need to develop an Azure CLI script for this

You have to complete the below script for the above-mentioned requirement

```
az appservice plan create --name whizlabsplan --resource-group whizlabs-rg \
--location $location
```

Slot1 --name \$appName --plan whizlabsplan --resource-group whizlabs-rg

redis=\$(Slot2 --name \$appName --resource-group whizlabs-rg \

--location \$location --vm-size C0 --sku Basic --query [hostName,sslPort] --output tsv))

key=\$(Slot3 --name \$appName --resource-group whizlabs-rg \
--query primaryKey --output tsv)

az webapp config Slot4 set --name \$appName --resource-group whizlabs-rg \

--settings "REDIS_URL=\${redis[0]}" "REDIS_PORT=\${redis[1]}" "REDIS_KEY=\$key"

Which of the following would go into Slot2?

- A. az appservice plan create
- ✓ B. az webapp create ×
- C. az redis create ✓
- D. az group create

Explanation:

Answer – C

An example of this is given in the Microsoft documentation

```
# Create a Resource Group
az group create --name myResourceGroup --location $location

# Create an App Service Plan
az appservice plan create --name myAppServicePlan --resource-group myResourceGroup \
--location $location

# Create a Web App
az webapp create --name $appName --plan myAppServicePlan --resource-group myResourceGroup

# Create a Redis Cache
redis=$(az redis create --name $appName --resource-group myResourceGroup \
--location $location --vm-size C0 --sku Basic --query [hostName,sslPort] --output tsv)

# Get access key
key=$(az redis list-keys --name $appName --resource-group myResourceGroup \
--query primaryKey --output tsv)

# Assign the connection string to an App Setting in the Web App
az webapp config appsettings set --name $appName --resource-group myResourceGroup \
--settings "REDIS_URL=${redis[0]}" "REDIS_PORT=${redis[1]}" "REDIS_KEY=$key"
```

Since this is clearly given, all other options are invalid

For more information on the CLI script for an Azure Web app to connect to a Redis cluster, one can go to the below link

<https://docs.microsoft.com/en-us/azure/app-service/scripts/cli-connect-to-redis>

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Question 53

Correct

Domain :Monitor,troubleshoot, and optimize Azure solutions

A development team needs to setup an Azure Web App using the Azure App service. They also have to ensure that the Web App is connected to an Azure Redis Cluster. They need to develop an Azure CLI script for this

You have to complete the below script for the above-mentioned requirement

```
az appservice plan create --name whizlabsplan --resource-group whizlabs-rg \
--location $location
```

Slot1 --name \$appName --plan whizlabsplan --resource-group whizlabs-rg

redis=\$(Slot2 --name \$appName --resource-group whizlabs-rg \

--location \$location --vm-size C0 --sku Basic --query [hostName,sslPort] --output tsv))

key=\$(Slot3 --name \$appName --resource-group whizlabs-rg \
--query primaryKey --output tsv)

az webapp config Slot4 set --name \$appName --resource-group whizlabs-rg \

--settings "REDIS_URL=\${redis[0]}" "REDIS_PORT=\${redis[1]}" "REDIS_KEY=\$key"

Which of the following would go into Slot3?

- ✓ A. az redis list-keys
- B. az redis set-keys
- C. az redis get-keys
- D. az redis update-keys

Explanation:

Answer – A

An example of this is given in the Microsoft documentation

```
# Create a Resource Group
az group create --name myResourceGroup --location $location

# Create an App Service Plan
az appservice plan create --name myAppServicePlan --resource-group myResourceGroup \
--location $location

# Create a Web App
az webapp create --name $appName --plan myAppServicePlan --resource-group myResourceGroup

# Create a Redis Cache
redis=$(az redis create --name $appName --resource-group myResourceGroup \
--location $location --vm-size C0 --sku Basic --query [hostName,sslPort] --output tsv)

# Get access key
key=$(az redis list-keys --name $appName --resource-group myResourceGroup \
--query primaryKey --output tsv)

# Assign the connection string to an App Setting in the Web App
az webapp config appsettings set --name $appName --resource-group myResourceGroup \
--settings "REDIS_URL=${redis[0]}" "REDIS_PORT=${redis[1]}" "REDIS_KEY=$key"
```

Since this is clearly given, all other options are invalid

For more information on the CLI script for an Azure Web app to connect to a Redis cluster, one can go to the below link

<https://docs.microsoft.com/en-us/azure/app-service/scripts/cli-connect-to-redis>

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Question 54

Incorrect

Domain :Monitor,troubleshoot, and optimize Azure solutions

A development team needs to setup an Azure Web App using the Azure App service. They also have to ensure that the Web App is connected to an Azure Redis Cluster. They need to develop an Azure CLI script for this

You have to complete the below script for the above-mentioned requirement

```
az appservice plan create --name whizlabsplan --resource-group whizlabs-rg \
--location $location
```

Slot1 --name \$appName --plan whizlabsplan --resource-group whizlabs-rg

redis=\$(Slot2 --name \$appName --resource-group whizlabs-rg \

--location \$location --vm-size C0 --sku Basic --query [hostName,sslPort] --output tsv))

key=\$(Slot3 --name \$appName --resource-group whizlabs-rg \
--query primaryKey --output tsv)

az webapp config Slot4 set --name \$appName --resource-group whizlabs-rg \

--settings "REDIS_URL=\${redis[0]}" "REDIS_PORT=\${redis[1]}" "REDIS_KEY=\$key"

Which of the following would go into Slot4?

- A. redis
- B. appsettings
- C. app
- D. key

Explanation:

Answer - B

An example of this is given in the Microsoft documentation

```
# Create a Resource Group
az group create --name myResourceGroup --location $location

# Create an App Service Plan
az appservice plan create --name myAppServicePlan --resource-group myResourceGroup \
--location $location

# Create a Web App
az webapp create --name $appName --plan myAppServicePlan --resource-group myResourceGroup

# Create a Redis Cache
redis=$(az redis create --name $appName --resource-group myResourceGroup \
--location $location --vm-size C0 --sku Basic --query [hostName,sslPort] --output tsv)

# Get access key
key=$(az redis list-keys --name $appName --resource-group myResourceGroup \
--query primaryKey --output tsv)

# Assign the connection string to an App Setting in the Web App
az webapp config appsettings set --name $appName --resource-group myResourceGroup \
--settings "REDIS_URL=${redis[0]}" "REDIS_PORT=${redis[1]}" "REDIS_KEY=$key"
```

Since this is clearly given, all other options are invalid

For more information on the CLI script for an Azure Web app to connect to a Redis cluster, one can go to the below link

<https://docs.microsoft.com/en-us/azure/app-service/scripts/cli-connect-to-redis>

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Question 55

Correct

Domain :Connect to and Consume Azure Services and Third Party Services

You are developing a system that is going to make use of Event Hubs for data streaming. You have to ensure that data is streamed from the Event Hub to Azure BLOB storage. Which of the following would you use for this purpose?

- A. Event Grid
- ✓ B. Event Hubs Capture

- C. BLOB capture
- D. Resource Manager

Explanation:

Answer – B

The Microsoft documentation mentions the following

Enable capturing of events streaming through Azure Event Hubs

02/06/2019 • 2 minutes to read • Contributors 

Azure [Event Hubs Capture](#) enables you to automatically deliver the streaming data in Event Hubs to an [Azure Blob storage](#) or [Azure Data Lake Store](#) account of your choice.

You can configure Capture at the event hub creation time using the [Azure portal](#). You can either capture the data to an Azure [Blob storage](#) container, or to an [Azure Data Lake Store](#) account.

Since this is clearly given, all other options are invalid

For more information on Event Hubs capture, one can go to the below link

<https://docs.microsoft.com/en-us/azure/event-hubs/event-hubs-capture-enable-through-portal>

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