

Reliable Microsoft AZ-204 Test Sample & AZ-204 Valid Exam Topics



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Microsoft AZ-204 certification exam is designed for developers who want to specialize in developing solutions for Microsoft Azure. AZ-204 exam allows developers to gain expertise in deploying, configuring, and managing Azure services and also focuses on developing Azure compute solutions, Azure storage, security, and Azure Integration Services. The AZ-204 certification is the updated version of the previous certification, AZ-203, and is designed to test developers on the latest Azure technologies and services.

Microsoft AZ-204 Exam is designed for developers who want to demonstrate their expertise in developing solutions for Microsoft Azure. AZ-204 exam is a great opportunity for developers to showcase their skills and knowledge in creating and deploying cloud-based applications using Azure services. Passing AZ-204 exam will validate a developer's ability to design, develop, and maintain cloud applications and services on Azure.

>> **Reliable Microsoft AZ-204 Test Sample** <<

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Microsoft Developing Solutions for Microsoft Azure Sample Questions (Q206-Q211):

NEW QUESTION # 206

You develop software solutions for a mobile delivery service. You are developing a mobile app that users can use to order from a restaurant in their area. The app uses the following workflow:

1. A driver selects the restaurants for which they will deliver orders.
2. Orders are sent to all available drivers in an area.
3. Only orders for the selected restaurants will appear for the driver.
4. The first driver to accept an order removes it from the list of available orders.

You need to implement an Azure Service Bus solution.

Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer

area and arrange them in the correct order.

Actions

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

Answer area

Microsoft

Answer:

Explanation:

Actions

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

Answer area

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

Microsoft

References:

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

NEW QUESTION # 207

You are developing an ASP.NET Core website that can be used to manage photographs which are stored in Azure Blob Storage containers.

Users of the website authenticate by using their Azure Active Directory (Azure AD) credentials.

You implement role-based access control (RBAC) role permissions on the containers that store photographs. You assign users to RBAC roles.

You need to configure the website's Azure AD Application so that user's permissions can be used with the Azure Blob containers. How should you configure the application? To answer, drag the appropriate setting to the correct location. Each setting can be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Settings

- client_id
- profile
- delegated
- application
- user_impersonation

Answer Area

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

Microsoft

Answer:

Explanation:

Settings	Answer Area									
client_id										
profile										
delegated										
application										
user_impersonation										
	<table border="1"> <thead> <tr> <th>API</th> <th>Permission</th> <th>Type</th> </tr> </thead> <tbody> <tr> <td>Azure Storage</td> <td>user_impersonation</td> <td>delegated</td> </tr> <tr> <td>Microsoft Graph</td> <td>User.Read</td> <td>delegated</td> </tr> </tbody> </table>	API	Permission	Type	Azure Storage	user_impersonation	delegated	Microsoft Graph	User.Read	delegated
API	Permission	Type								
Azure Storage	user_impersonation	delegated								
Microsoft Graph	User.Read	delegated								

Reference:

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

NEW QUESTION # 208

You are developing a web service that will run on Azure virtual machines that use Azure Storage. You configure all virtual machines to use managed identities.

You have the following requirements:

- * Secret-based authentication mechanisms are not permitted for accessing an Azure Storage account.
- * Must use only Azure Instance Metadata Service endpoints.

You need to write code to retrieve an access token to access Azure Storage. To answer, drag the appropriate code segments to the correct locations. Each code segment may be used once or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Code segment 1

- `http://localhost:50342/oauth2/token`
- `http://169.254.169.254:50432/oauth2/token`
- `http://localhost/metadata/identity/oauth2/token`
- `http://169.254.169.254/metadata/identity/oauth2/token`

Code segment 2

- `XDocument.Parse(payload);`
- `new MultipartContent(payload);`
- `new NetworkCredential("Azure", payload);`
- `JsonConvert.DeserializeObject<Dictionary<string, string>>(payload);`

Answer Area

```
var url = "  ";
var queryString = "...";
var client = new HttpClient();
var response = await client.GetAsync(url + queryString);
var payload = await response.Content.ReadAsStringAsync();
return 
```

Answer:

Explanation:

Code segment 1

- `http://localhost:50342/oauth2/token`
- `http://169.254.169.254:50432/oauth2/token`
- `http://localhost/metadata/identity/oauth2/token`
- `http://169.254.169.254/metadata/identity/oauth2/token`

Code segment 2

- `XDocument.Parse(payload);`
- `new MultipartContent(payload);`
- `new NetworkCredential("Azure", payload);`
- `JsonConvert.DeserializeObject<Dictionary<string, string>>(payload);`

Answer Area

```
var url = "  ";
var queryString = "...";
var client = new HttpClient();
var response = await client.GetAsync(url + queryString);
var payload = await response.Content.ReadAsStringAsync();
return JsonConvert.DeserializeObject<Dictionary<string, string>>(payload);
```

Explanation:

```
var url = " http://169.254.169.254/metadata/identity/oauth2/token " ;  
  
var queryString = "...";  
var client = new HttpClient();  
var response = await client.GetAsync(url + queryString);  
var payload = await response.Content.ReadAsStringAsync();  
  
return JsonConvert.DeserializeObject<Dictionary<string, string>>(payload);
```

Azure Instance Metadata Service endpoints "/oauth2/token"

Box

1: http://169.254.169.254/metadata/identity/oauth2/token

Sample request using the Azure Instance Metadata Service (IMDS) endpoint (recommended):

GET 'http://169.254.169.254/metadata/identity/oauth2/token?api-version=2018-02-01

&resource=https://management.azure.com/' HTTP/1.1 Metadata: true

Box 2: JsonConvert.DeserializeObject<Dictionary<string, string>>(payload); Deserialized token response; returning access code.

Reference:

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

<https://docs.microsoft.com/en-us/azure/service-fabric/how-to-managed-identity-service-fabric-app-code>

NEW QUESTION # 209

You need to ensure disaster recovery requirements are met.

What code should you add at line PC16?

To answer, drag the appropriate code fragments to the correct locations. Each code fragment may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Values

- true
- SingleTransferContext
- ShouldTransferCallbackAsync
- false
- DirectoryTransferContext
- ShouldOverwriteCallbackAsync

Answer Area

```
var copyOptions = new CopyOptions { };  
var context = new Value = (source, destination) => Task.FromResult(true);  
context. Value = (source, destination) => Task.FromResult(true);  
await TransferManager.CopyAsync(blob, GetDRBlob(blob), isServiceCopy: Value  
, context: context, options: copyOptions);
```

Answer:

Explanation:

```
var copyOptions = new CopyOptions { };  
var context = new DirectoryTransferContext = (source, destination) => Task.FromResult(true);  
context. ShouldTransferCallbackAsync = (source, destination) => Task.FromResult(true);  
await TransferManager.CopyAsync(blob, GetDRBlob(blob), isServiceCopy: false  
, context: context, options: copyOptions);
```

Scenario: Disaster recovery. Regional outage must not impact application availability. All DR operations must not be dependent on application running and must ensure that data in the DR region is up to date.

Box 1: DirectoryTransferContext

We transfer all files in the directory.

Note: The TransferContext object comes in two forms: SingleTransferContext and DirectoryTransferContext.

The former is for transferring a single file and the latter is for transferring a directory of files.

Box 2: ShouldTransferCallbackAsync

The DirectoryTransferContext.ShouldTransferCallbackAsync delegate callback is invoked to tell whether a transfer should be done.

Box 3: False

If you want to use the retry policy in Copy, and want the copy can be resume if break in the middle, you can use SyncCopy (isServiceCopy = false).

Note that if you choose to use service side copy ('isServiceCopy' set to true), Azure (currently) doesn't provide SLA for that. Setting 'isServiceCopy' to false will download the source blob local Reference:

<https://docs.microsoft.com/en-us/azure/storage/common/storage-use-data-movement-library>

<https://docs.microsoft.com/en-us/dotnet/api/microsoft.windowsazure.storage.datamovement.directorytransfercon>

NEW QUESTION # 210

You are preparing to deploy a Python website to an Azure Web App using a container. The solution will use multiple containers in the same container group. The Dockerfile that builds the container is as follows:

```
FROM python:3
ADD website.py
CMD [ "python", "./website.py" ]
```

You build a container by using the following command. The Azure Container Registry instance named images is a private registry.

The user name and password for the registry is admin.

The Web App must always run the same version of the website regardless of future builds.

You need to create an Azure Web App to run the website.

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

NOTE: Each correct selection is worth one point.

```
az configure --defaults web=website
```

```
az configure --defaults group=website
```

```
az appservice plan create --name websitePlan
```

- sku SHARED
- tags container
- sku B1 --hyper-v
- sku B1 --is-linux

```
az webapp create --plan websitePlan
```

- deployment-source-url images.azurecr.io/website:v1.0.0
- deployment-source-url images.azurecr.io/website:latest
- deployment-container-image-name images.azurecr.io/website:v1.0.0
- deployment-container-image-name images.azurecr.io/website:latest

```
az webapp config
```

- set --python-version 2.7 --generic-configurations user=admin password=admin
- set --python-version 3.6 --generic-configurations user=admin password=admin
- container set --docker-registry-server-url https://images.azurecr.io -u admin -p admin
- container set --docker-registry-server-url https://images.azurecr.io/wsebsite -u admin -p admin

Answer:

Explanation:

```

az configure --defaults web=website
az configure --defaults group=website
az appservice plan create --name websitePlan
--sku SHARED
--tags container
--sku B1 --hyper-v |
--sku B1 --is-linux

az webapp create --plan websitePlan
--deployment-source-url images.azurecr.io/website:v1.0.0 |
--deployment-source-url images.azurecr.io/website:latest
--deployment-container-image-name images.azurecr.io/website:v1.0.0
--deployment-container-image-name images.azurecr.io/website:latest

az webapp config
set --python-version 2.7 --generic-configurations user=admin password=admin
set --python-version 3.6 --generic-configurations user=admin password=admin
container set --docker-registry-server-url https://images.azurecr.io --u admin -p admin
container set --docker-registry-server-url https://images.azurecr.io/wsebsite -u admin -p admin

```

Explanation:

```

az configure --defaults web=website
az configure --defaults group=website
az appservice plan create --name websitePlan
--sku SHARED
--tags container
--sku B1 --hyper-v
--sku B1 --is-linux

az webapp create --plan websitePlan
--deployment-source-url images.azurecr.io/website:v1.0.0
--deployment-source-url images.azurecr.io/website:latest
--deployment-container-image-name images.azurecr.io/website:v1.0.0
--deployment-container-image-name images.azurecr.io/website:latest

az webapp config
set --python-version 2.7 --generic-configurations user=admin password=admin
set --python-version 3.6 --generic-configurations user=admin password=admin
container set --docker-registry-server-url https://images.azurecr.io --u admin -p admin
container set --docker-registry-server-url https://images.azurecr.io/wsebsite -u admin -p admin

```

Box 1: --SKU B1 --hyper-v

--hyper-v

Host web app on Windows container.

Box 2: --deployment-source-url images.azurecr.io/website:v1.0.0

--deployment-source-url -u

Git repository URL to link with manual integration.

The Web App must always run the same version of the website regardless of future builds.

Incorrect:

--deployment-container-image-name -i

Linux only. Container image name from Docker Hub, e.g. publisher/image-name:tag.

Box 3: az webapp config container set -url https://images.azurecr.io -u admin -p admin az webapp config container set Set a web app container's settings.

Parameter: --docker-registry-server-url -r

The container registry server url.

The Azure Container Registry instance named images is a private registry.

Example:

az webapp config container set --docker-registry-server-url https://{azure-container-registry-name}.azurecr.io Reference: <https://docs.microsoft.com/en-us/cli/azure/appservice/plan>

NEW QUESTION # 211

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