

AZ-204 Dumps

Developing Solutions for Microsoft Azure (beta)

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



NEW QUESTION 1

- (Exam Topic 1)

You need to support the message processing for the ocean transport workflow.

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

Actions	Answer Area
Create an integration account in the Azure portal.	
Link the custom connector to the Logic App.	
Update the Logic App to use the partners, schemas, certificates, maps, and agreements.	<div style="display: flex; justify-content: center; gap: 10px;"> ⬅ ⬆ </div>
Create a custom connector for the Logic App.	
Add partners, schemas, certificates, maps, and agreements.	
Link the Logic App to the integration account.	

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Step 1: Create an integration account in the Azure portal

You can define custom metadata for artifacts in integration accounts and get that metadata during runtime for your logic app to use. For example, you can provide metadata for artifacts, such as partners, agreements, schemas, and maps - all store metadata using key-value pairs.

Step 2: Link the Logic App to the integration account

A logic app that's linked to the integration account and artifact metadata you want to use. Step 3: Add partners, schemas, certificates, maps, and agreements

Step 4: Create a custom connector for the Logic App. References:

<https://docs.microsoft.com/bs-latn-ba/azure/logic-apps/logic-apps-enterprise-integration-metadata>

NEW QUESTION 2

- (Exam Topic 1)

You need to configure Azure CDN for the Shipping web site.

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

Answer Area

Option

Value

Tier

	▼
Standard	
Premium	

Profile

	▼
Akamai	
Microsoft	

Optimization

	▼
general web delivery	
large file download	
dynamic site acceleration	
video-on-demand media streaming	

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Scenario: Shipping website

Use Azure Content Delivery Network (CDN) and ensure maximum performance for dynamic content while minimizing latency and costs.

Tier: Standard Profile: Akamai

Optimization: Dynamic site acceleration

Dynamic site acceleration (DSA) is available for Azure CDN Standard from Akamai, Azure CDN Standard from Verizon, and Azure CDN Premium from Verizon profiles.

DSA includes various techniques that benefit the latency and performance of dynamic content. Techniques include route and network optimization, TCP optimization, and more.

You can use this optimization to accelerate a web app that includes numerous responses that aren't cacheable. Examples are search results, checkout transactions, or real-time data. You can continue to use core Azure CDN caching capabilities for static data.

Reference:

<https://docs.microsoft.com/en-us/azure/cdn/cdn-optimization-overview>

NEW QUESTION 3

- (Exam Topic 1)

You need to configure Azure App Service to support the REST API requirements.

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

NOTE: Each correct selection is worth one point.

Setting	Value
Plan	<div style="border: 1px solid black; padding: 2px;"> <div style="text-align: right; padding-right: 5px;">▼</div> <div style="padding: 2px;">Basic</div> <div style="padding: 2px;">Standard</div> <div style="padding: 2px;">Premium</div> <div style="padding: 2px;">Isolated</div> </div>
Instance Count	<div style="border: 1px solid black; padding: 2px;"> <div style="text-align: right; padding-right: 5px;">▼</div> <div style="padding: 2px;">1</div> <div style="padding: 2px;">10</div> <div style="padding: 2px;">20</div> <div style="padding: 2px;">100</div> </div>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Plan: Standard

Standard support auto-scaling Instance Count: 10

Max instances for standard is 10. Scenario:

The REST API's that support the solution must meet the following requirements:

- > Allow deployment to a testing location within Azure while not incurring additional costs.
- > Automatically scale to double capacity during peak shipping times while not causing application downtime.
- > Minimize costs when selecting an Azure payment model. References:

<https://azure.microsoft.com/en-us/pricing/details/app-service/plans/>

NEW QUESTION 4

- (Exam Topic 1)

You need to support the requirements for the Shipping Logic App.

What should you use?

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

Answer: D

Explanation:

Before you can connect to on-premises data sources from Azure Logic Apps, download and install the on-premises data gateway on a local computer. The gateway works as a bridge that provides quick data transfer and encryption between data sources on premises (not in the cloud) and your logic apps.

The gateway supports BizTalk Server 2016.

Note: Microsoft have now fully incorporated the Azure BizTalk Services capabilities into Logic Apps and Azure App Service Hybrid Connections.

Logic Apps Enterprise Integration pack bring some of the enterprise B2B capabilities like AS2 and X12, EDI standards support

Scenario: The Shipping Logic app must meet the following requirements:

- > Support the ocean transport and inland transport workflows by using a Logic App.
- > Support industry-standard protocol X12 message format for various messages including vessel content details and arrival notices.
- > Secure resources to the corporate VNet and use dedicated storage resources with a fixed costing model.
- > Maintain on-premises connectivity to support legacy applications and final BizTalk migrations.

Reference:

<https://docs.microsoft.com/en-us/azure/logic-apps/logic-apps-gateway-install>

NEW QUESTION 5

- (Exam Topic 1)

You need to secure the Shipping Function app.

How should you configure the app? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Setting	Value
Authorization level	<div style="border: 1px solid black; padding: 2px;"> <div style="background-color: #f0f0f0; padding: 2px; display: flex; justify-content: space-between; align-items: center;"> ▼ </div> <div style="border-top: 1px solid black; padding: 2px;">Function</div> <div style="border-top: 1px solid black; padding: 2px;">Anonymous</div> <div style="border-top: 1px solid black; padding: 2px;">Admin</div> </div>
User claims	<div style="border: 1px solid black; padding: 2px;"> <div style="background-color: #f0f0f0; padding: 2px; display: flex; justify-content: space-between; align-items: center;"> ▼ </div> <div style="border-top: 1px solid black; padding: 2px;">JSON Web Token (JWT)</div> <div style="border-top: 1px solid black; padding: 2px;">Shared Access Signature (SAS) token</div> <div style="border-top: 1px solid black; padding: 2px;">API Key</div> </div>
Trigger type	<div style="border: 1px solid black; padding: 2px;"> <div style="background-color: #f0f0f0; padding: 2px; display: flex; justify-content: space-between; align-items: center;"> ▼ </div> <div style="border-top: 1px solid black; padding: 2px;">blob</div> <div style="border-top: 1px solid black; padding: 2px;">HTTP</div> <div style="border-top: 1px solid black; padding: 2px;">queue</div> <div style="border-top: 1px solid black; padding: 2px;">timer</div> </div>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Scenario: Shipping Function app: Implement secure function endpoints by using app-level security and include Azure Active Directory (Azure AD).

Box 1: Function

Box 2: JSON based Token (JWT)

Azure AD uses JSON based tokens (JWTs) that contain claims Box 3: HTTP

How a web app delegates sign-in to Azure AD and obtains a token

User authentication happens via the browser. The OpenID protocol uses standard HTTP protocol messages. References:

<https://docs.microsoft.com/en-us/azure/active-directory/develop/authentication-scenarios>

NEW QUESTION 6

- (Exam Topic 3)

A company is developing a Java web app. The web app code is hosted in a GitHub repository located at <https://github.com/Contoso/webapp>.

The web app must be evaluated before it is moved to production. You must deploy the initial code release to a deployment slot named staging.

You need to create the web app and deploy the code.

How should you complete the commands? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

```
gitrepo=https://github.com/Contoso/webapp
webappname=businesswebapp
resourcegroupname=BusinessAppResourceGroup
az [ ] create --location centralus - -name $resourcegroupname
group
webapp
appservice plan
webapp deployment slot
webapp deployment source
az [ ] create --name $webappname - -resource-group $resourcegroupname
- -sku S3
create --name $webappname - -resource-group $resourcegroupname
\ - -plan $webappname
create --name $webappname - -resource-group $resourcegroupname
\ - -slot staging
az [ ] config - -name $webappname - -resource-group $resourcegroupname
\ - -slot staging - -repo-url
$gitrepo - -branch master - -manual-integration
az [ ]
group
webapp
appservice plan
webapp deployment slot
webapp deployment source
az [ ]
group
webapp
appservice plan
webapp deployment slot
webapp deployment source
az [ ]
group
webapp
appservice plan
webapp deployment slot
webapp deployment source
az [ ]
group
webapp
appservice plan
webapp deployment slot
webapp deployment source
```

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: group

Create a resource group.

```
az group create --location westeurope --name myResourceGroup
```

Box 2: appservice plan

Create an App Service plan in STANDARD tier (minimum required by deployment slots). az appservice plan create --name \$webappname --resource-group myResourceGroup --sku S1

Box 3: webapp

Create a web app.

```
az webapp create --name $webappname --resource-group myResourceGroup \
```

```
--plan $webappname
```

Box 4: webapp deployment slot

#Create a deployment slot with the name "staging".

```
az webapp deployment slot create --name $webappname --resource-group myResourceGroup \
```

```
--slot staging
```

Box 5: webapp deployment source

Deploy sample code to "staging" slot from GitHub.

```
az webapp deployment source config --name $webappname --resource-group myResourceGroup \
```

```
--slot staging --repo-url $gitrepo --branch master --manual-integration
```

References:
<https://docs.microsoft.com/en-us/azure/app-service/scripts/cli-deploy-staging-environment>

NEW QUESTION 7

- (Exam Topic 3)

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

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

Margie's Travel is an international travel and bookings management service. The company is expanding into restaurant bookings. You are tasked with implementing Azure Search for the restaurants listed in their solution.

You create the index in Azure Search.

You need to import the restaurant data into the Azure Search service by using the Azure Search .NET SDK. Solution:

- * 1. Create a SearchIndexClient object to connect to the search index.
- * 2. Create a DataContainer that contains the documents which must be added.
- * 3. Create a DataSource instance and set its Container property to the DataContainer.
- * 4. Call the Documents.Suggest method of the SearchIndexClient and pass the DataSource. Does the solution meet the goal?

- A. Yes

B. No

Answer: B

Explanation:

Use the following method:

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

NEW QUESTION 8

- (Exam Topic 3)

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

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

You are developing an Azure solution to collect point-of-sale (POS) device data from 2,000 stores located throughout the world. A single device can produce 2 megabytes (MB) of data every 24 hours. Each store location has one to five devices that send data.

You must store the device data in Azure Blob storage. Device data must be correlated based on a device identifier. Additional stores are expected to open in the future.

You need to implement a solution to receive the device data.

Solution: Provision an Azure Service Bus. Configure a topic to receive the device data by using a correlation filter.

Does the solution meet the goal?

- A. Yes
- B. No

Answer: A

Explanation:

A message is raw data produced by a service to be consumed or stored elsewhere. The Service Bus is for high-value enterprise messaging, and is used for order processing and financial transactions.

Reference:

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

NEW QUESTION 9

- (Exam Topic 3)

You are a developer for a software as a service (SaaS) company that uses an Azure Function to process orders. The Azure Function currently runs on an Azure Function app that is triggered by an Azure Storage queue.

You are preparing to migrate the Azure Function to Kubernetes using Kubernetes-based Event Driven Autoscaling (KEDA).

You need to configure Kubernetes Custom Resource Definitions (CRD) for the Azure Function.

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

NOTE: Each correct selection is worth one point.

Answer Area

CRD types	Setting	CRD type
Secret	Azure Function code	<input type="text"/>
Deployment	Polling interval	<input type="text"/>
ScaledObject	Azure Storage connection string	<input type="text"/>
TriggerAuthentication		

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: Deployment

To deploy Azure Functions to Kubernetes use the func kubernetes deploy command has several attributes that directly control how our app scales, once it is deployed to Kubernetes.

Box 2: ScaledObject

With --polling-interval, we can control the interval used by KEDA to check Azure Service Bus Queue for messages.

Example of ScaledObject with polling interval apiVersion: keda.k8s.io/v1alpha1

kind: ScaledObject metadata:

name: transformer-fn namespace: tt

labels:

```
deploymentName: transformer-fn spec:
scaleTargetRef: deploymentName: transformer-fn pollingInterval: 5
minReplicaCount: 0
maxReplicaCount: 100
Box 3: Secret
Store connection strings in Kubernetes Secrets. Example: to create the Secret in our demo Namespace:
# create the k8s demo namespace kubectl create namespace tt
# grab connection string from Azure Service Bus KEDA_SCALER_CONNECTION_STRING=$(az servicebus queue authorization-rule keys list \
-g $RG_NAME \
--namespace-name $SBN_NAME \
--queue-name inbound \
-n keda-scaler \
--query "primaryConnectionString" \
-o tsv)
# create the kubernetes secret
kubectl create secret generic tt-keda-auth \
--from-literal KedaScaler=$KEDA_SCALER_CONNECTION_STRING \
--namespace tt Reference:
https://www.thinktecture.com/en/kubernetes/serverless-workloads-with-keda/
```

NEW QUESTION 10

- (Exam Topic 3)

A company is developing a solution that allows smart refrigerators to send temperature information to a central location. You have an existing Service Bus. The solution must receive and store messages until they can be processed. You create an Azure Service Bus instance by providing a name, pricing tier, subscription, resource group, and location.

You need to complete the configuration.

Which Azure CLI or PowerShell command should you run?

- A. `az servicebus namespace create`
`- -resource-group fridge-rg`
`- -name fridge-ns`
`- -location fridge-loc`
- B. `az servicebus queue create`
`--resource-group fridge-rg`
`--namespace-name fridge-ns`
`--name fridge-q`
- C. `connectionString=$(az servicebus namespace authorization-rule keys list`
`--resource-group fridge-rg`
`--fridge-ns fridge-ns`
`--name RootManageSharedAccessKey`
`--query primaryConnectionString --output tsv)`
- D. `az group create`
`--name fridge-rg`
`--location fridge-log`

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

Answer: B

Explanation:

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

Steps:
Step 1: # Create a resource group resourceGroupName="myResourceGroup"
`az group create --name $resourceGroupName --location eastus`
Step 2: # Create a Service Bus messaging namespace with a unique name namespaceName=myNameSpace\$RANDOM
`az servicebus namespace create --resource-group $resourceGroupName --name $namespaceName --location eastus`
Step 3: # Create a Service Bus queue
`az servicebus queue create --resource-group $resourceGroupName --namespace-name $namespaceName`
`--name BasicQueue`
Step 4: # Get the connection string for the namespace
`connectionString=$(az servicebus namespace authorization-rule keys list --resource-group`
`$resourceGroupName --namespace-name $namespaceName --name RootManageSharedAccessKey --query primaryConnectionString --output tsv)`
References:
<https://docs.microsoft.com/en-us/azure/service-bus-messaging/service-bus-quickstart-cli>

NEW QUESTION 10

- (Exam Topic 3)

You are implementing a software as a service (SaaS) ASP.NET Core web service that will run as an Azure Web App. The web service will use an on-premises SQL Server database for storage. The web service also includes a WebJob that processes data updates. Four customers will use the web service.

•Each instance of the WebJob processes data for a single customer and must run as a singleton instance.

- Each deployment must be tested by using deployment slots prior to serving production data.
- Azure costs must be minimized.
- Azure resources must be located in an isolated network.

You need to configure the App Service plan for the Web App.

How should you configure the App Service plan? To answer, select the appropriate settings in the answer area. NOTE: Each correct selection is worth one point.

Answer Area

App service plan setting	Value
Number of VM instances	<div style="border: 1px solid black; padding: 2px;"> <div style="background-color: #f0f0f0; padding: 2px; display: flex; justify-content: space-between; align-items: center;"> ▼ </div> <div style="padding: 2px;"> <p>2</p> <p>4</p> <p>8</p> <p>16</p> </div> </div>
Pricing tier	<div style="border: 1px solid black; padding: 2px;"> <div style="background-color: #f0f0f0; padding: 2px; display: flex; justify-content: space-between; align-items: center;"> ▼ </div> <div style="padding: 2px;"> <p>Isolated</p> <p>Standard</p> <p>Premium</p> <p>Consumption</p> </div> </div>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Number of VM instances: 4

You are not charged extra for deployment slots. Pricing tier: Isolated

The App Service Environment (ASE) is a powerful feature offering of the Azure App Service that gives network isolation and improved scale capabilities. It is essentially a deployment of the Azure App Service into a subnet of a customer's Azure Virtual Network (VNet).

References:

<https://azure.microsoft.com/sv-se/blog/announcing-app-service-isolated-more-power-scale-and-ease-of-use/>

NEW QUESTION 13

- (Exam Topic 3)

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

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You develop a software as a service (SaaS) offering to manage photographs. Users upload photos to a web service which then stores the photos in Azure Storage Blob storage. The storage account type is General-purpose V2.

When photos are uploaded, they must be processed to produce and save a mobile-friendly version of the image. The process to produce a mobile-friendly version of the image must start in less than one minute.

You need to design the process that starts the photo processing.

Solution: Convert the Azure Storage account to a BlockBlobStorage storage account. Does the solution meet the goal?

- A. Yes
- B. No

Answer: B

Explanation:

Not necessary to convert the account, instead move photo processing to an Azure Function triggered from the blob upload..

Azure Storage events allow applications to react to events. Common Blob storage event scenarios include image or video processing, search indexing, or any file-oriented workflow.

Note: Only storage accounts of kind StorageV2 (general purpose v2) and BlobStorage support event integration. Storage (general purpose v1) does not support integration with Event Grid.

Reference:

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

NEW QUESTION 14

- (Exam Topic 3)

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

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You create the index in Azure Search.

You need to import the restaurant data into the Azure Search service by using the Azure Search .NET SDK. Solution:

- * 1. Create a SearchIndexClient object to connect to the search index.
- * 2. Create a DataContainer that contains the documents which must be added.
- * 3. Create a DataSource instance and set its Container property to the DataContainer
- * 4 Call the Documents.Suggest method of the SearchIndexClient and pass the DataSource.

Does the solution meet the goal?

- A. Yes
- B. No

Answer: B

NEW QUESTION 19

- (Exam Topic 3)

You are creating an app that uses Event Grid to connect with other services. Your app's event data will be sent to a serverless function that checks compliance. This function is maintained by your company.

You write a new event subscription at the scope of your resource. The event must be invalidated after 3 specific period of time. You need to configure Event Grid to ensure security.

What should you implement? To answer, select the appropriate options in [he answer area. NOTE: Each correct selection is worth one point

Authentication	Type
WebHook event delivery	<div style="border: 1px solid black; padding: 5px;"> <div style="border-bottom: 1px solid black; padding-bottom: 5px;">SAS tokens</div> <div style="border-bottom: 1px solid black; padding-bottom: 5px;">Key authentication</div> <div style="padding-bottom: 5px;">JWT token</div> </div>
Topic publishing	<div style="border: 1px solid black; padding: 5px;"> <div style="border-bottom: 1px solid black; padding-bottom: 5px;">ValidationCode handshake</div> <div style="border-bottom: 1px solid black; padding-bottom: 5px;">ValidationURL handshake</div> <div style="padding-bottom: 5px;">Management Access Control</div> </div>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: SAS tokens

Custom topics use either Shared Access Signature (SAS) or key authentication. Microsoft recommends SAS, but key authentication provides simple programming, and is compatible with many existing webhook publishers.

In this case we need the expiration time provided by SAS tokens. Box 2: ValidationCode handshake

Event Grid supports two ways of validating the subscription: ValidationCode handshake (programmatic) and ValidationURL handshake (manual).

If you control the source code for your endpoint, this method is recommended.

NEW QUESTION 22

- (Exam Topic 3)

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

Variable name	Value
\$gitrepo	https://github.com/Contos/webapp
\$webappname	Webapp1103

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

How should you complete the script? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

Answer Area

```
az group create --location westeurope --name myResourceGroup
```

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

az webapp create
az appservice plan create
az webapp deployment
az group delete

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

az webapp create
az appservice plan create
az webapp deployment
az group delete

▼

--repo-url \$gitrepo --branch master --manual-integration
git clone \$gitrepo
--plan \$webappname

▼ source config --name \$webappname

az webapp create
az appservice plan create
az webapp deployment
az group delete

--resource-group myResourceGroup ▼

--repo-url \$gitrepo --branch master --manual-integration
git clone \$gitrepo
--plan \$webappname

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: az appservice plan create
The azure group creates command successfully returns JSON result. Now we can use resource group to create a azure app service plan
Box 2: az webapp create Create a new web app..
Box 3: --plan \$webappname
with the serviceplan we created in step 1. Box 4: az webapp deployment
Continuous Delivery with GitHub. Example:
az webapp deployment source config --name firstsamplewebsite1 --resource-group websites--repo-url \$gitrepo
--branch master --git-token \$token
Box 5: --repo-url \$gitrepo --branch master --manual-integration Reference:
<https://medium.com/@satish1v/devops-your-way-to-azure-web-apps-with-azure-cli-206ed4b3e9b1>

NEW QUESTION 27

- (Exam Topic 3)

You are developing a new page for a website that uses Azure Cosmos DB for data storage. The feature uses documents that have the following format:
You must display data for the new page in a specific order. You create the following query for the page:
You need to configure a Cosmos DB policy to the support the query.
How should you configure the policy? To answer, drag the appropriate JSON segments to the correct locations. Each JSON segment may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.
NOTE: Each correct selection is worth one point.

JSON segments

Answer Area

-
-
-
-
-

```

{
  "automatic": true,
  "indexingMode": "Consistent",
  "includedPaths": [
    {
      "path": "/*"
    }
  ],
  "excludedPaths": [],
  "compositeIndexes": [
    {
      "path": "/name", "order": "descending"
    },
    {
      "path": "/city", "order": "
  ]
}

```

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: compositeIndexes

You can order by multiple properties. A query that orders by multiple properties requires a composite index. Box 2: descending

Example: Composite index defined for (name ASC, age ASC):

It is optional to specify the order. If not specified, the order is ascending.

```

{
  "automatic":true, "indexingMode":"Consistent", "includedPaths":[
  {
  "path": "/*"
  }
  ],
  "excludedPaths":[], "compositeIndexes":[ [
  {
  "path": "/name",
  },
  {
  "path": "/age",
  }
  ]
  ]
}

```

NEW QUESTION 32

- (Exam Topic 3)

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

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

NOTE: Each correct selection is worth one point.

Code segments

- Ingress
- Service
- LoadBalancer
- Deployment
- ingress.class
- azure-load-balancer-internal

Answer Area

```

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

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

YAML:

```

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

References:

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

NEW QUESTION 34

- (Exam Topic 3)

You are developing a Docker/Go using Azure App Service Web App for Containers. You plan to run the container in an App Service on Linux. You identify a Docker container image to use.

None of your current resource groups reside in a location that supports Linux. You must minimize the number of resource groups required.

You need to create the application and perform an initial deployment.

Which three Azure CLI commands should you use to develop the solution? To answer, move the appropriate commands from the list of commands to the answer area and arrange them in the correct order.

Azure CLI Commands

Answer Area

- az group create
- az group update
- az webapp update
- az webapp create
- az appservice plan create



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

You can host native Linux applications in the cloud by using Azure Web Apps. To create a Web App for Containers, you must run Azure CLI commands that create a group, then a service plan, and finally the web app itself.

Step 1: az group create

In the Cloud Shell, create a resource group with the az group create command. Step 2: az appservice plan create

In the Cloud Shell, create an App Service plan in the resource group with the az appservice plan create command.

Step 3: az webapp create

In the Cloud Shell, create a web app in the myAppServicePlan App Service plan with the az webapp create command. Don't forget to replace with a unique app name, and <docker-ID> with your Docker ID.

References:

<https://docs.microsoft.com/mt-mt/azure/app-service/containers/quickstart-docker-go?view=sql-server-ver15>

NEW QUESTION 36

- (Exam Topic 3)

You are developing a software solution for an autonomous transportation system. The solution uses large data sets and Azure Batch processing to simulate navigation sets for entire fleets of vehicles.

You need to create compute nodes for the solution on Azure Batch. What should you do?

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

Answer: B

Explanation:

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

NEW QUESTION 41

- (Exam Topic 3)

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

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

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

You need to configure the website's Azure AD Application so that user's permissions can be used with the Azure Blob containers.

How should you configure the application? To answer, drag the appropriate setting to the correct location. Each setting may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: user_impersonation

Box 2: delegated Example:

- * 1. Select the API permissions section
- * 2. Click the Add a permission button and then: Ensure that the My APIs tab is selected
- * 3. In the list of APIs, select the API TodoListService-aspnetcore.
- * 4. In the Delegated permissions section, ensure that the right permissions are checked: user_impersonation. 5. Select the Add permissions button.

Box 3: delegated Example

- * 1. Select the API permissions section
- * 2. Click the Add a permission button and then, Ensure that the Microsoft APIs tab is selected
- * 3. In the Commonly used Microsoft APIs section, click on Microsoft Graph
- * 4. In the Delegated permissions section, ensure that the right permissions are checked: User.Read. Use the search box if necessary.

* 5. Select the Add permissions button References:
<https://docs.microsoft.com/en-us/samples/azure-samples/active-directory-dotnet-webapp-webapi-openidconnect>

NEW QUESTION 43

- (Exam Topic 3)
You are working for Contoso, Ltd.
You define an API Policy object by using the following XML markup:

```
<set-variable name= "bodySize" value="@ (context.Request.Headers["Content-Length"] [0])"/>
<choose>
  <when condition= "@ (int.Parse(context.Variables.GetValueOrDefault<string> ("bodySize"))<512000)">
</when>
<otherwise>
  <rewrite-uri template= "/put"/>
  <set-backend-service base-url= "http://contoso.com/api/9.1"/>
</otherwise>
</choose>
```

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

Answer Area

Statement	Yes	No
The XML segment belongs in the <inbound> section of the policy.	<input type="radio"/>	<input type="radio"/>
If the body size is >256k, an error will occur.	<input type="radio"/>	<input type="radio"/>
If the request is http://contoso.com/api/9.2/, the policy will retain the higher version.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: Yes
Use the set-backend-service policy to redirect an incoming request to a different backend than the one specified in the API settings for that operation. Syntax: <set-backend-service base-url="base URL of the backend service" />
Box 2: No
The condition is on 512k, not on 256k. Box 3: No
The set-backend-service policy changes the backend service base URL of the incoming request to the one specified in the policy.
Reference:
<https://docs.microsoft.com/en-us/azure/api-management/api-management-transformation-policies>

NEW QUESTION 46

- (Exam Topic 3)
You are implementing an order processing system. A point of sale application publishes orders to topics in an Azure Service Bus queue. The label property for the topic includes the following data:

Property	Description
ShipLocation	the country/region where the order will be shipped
CorrelationId	a priority value for the order
Quantity	a user-defined field that stores the quantity of items in an order
AuditedAt	a user-defined field that records the date an order is audited

The system has the following requirements for subscriptions

Subscription type	Comments
FutureOrders	This subscription is reserved for future use and must not receive any orders.
HighPriorityOrders	Handle all high priority orders and International orders.
InternationalOrders	Handle orders where the country/region is not United States.
HighQuantityOrders	Handle only orders with quantities greater than 100 units.
AllOrders	This subscription is used for auditing purposes. This subscription must receive every single order. AllOrders has an Action defined that updates the AuditedAt property to include the date and time it was received by the subscription.

You need to implement filtering and maximize throughput while evaluating filters.

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

NOTE: Each correct selection is worth one point.

Filter types

SQLFilter

CorrelationFilter

No Filter

Answer Area

Subscription

Filter type

FutureOrders

HighPriorityOrders

InternationalOrders

HighQuantityOrders

AllOrders

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

FutureOrders: SQLFilter HighPriorityOrders: CorrelationFilter CorrelationID only InternationalOrders: SQLFilter Country NOT USA requires an SQL Filter HighQuantityOrders: SQLFilter

Need to use relational operators so an SQL Filter is needed. AllOrders: No Filter

SQL Filter: SQL Filters - A SqlFilter holds a SQL-like conditional expression that is evaluated in the broker against the arriving messages' user-defined properties and system properties. All system properties must be prefixed with sys. in the conditional expression. The SQL-language subset for filter conditions tests for the existence of properties (EXISTS), as well as for null-values (IS NULL), logical NOT/AND/OR, relational operators, simple numeric arithmetic, and simple text pattern matching with LIKE.

Correlation Filters - A CorrelationFilter holds a set of conditions that are matched against one or more of an arriving message's user and system properties. A common use is to match against the CorrelationId property, but the application can also choose to match against ContentType, Label, MessageId, ReplyTo, ReplyToSessionId, SessionId, To, and any user-defined properties. A match exists when an arriving message's value for a property is equal to the value specified in the correlation filter. For string expressions, the comparison is case-sensitive. When specifying multiple match properties, the filter combines them as a logical AND condition, meaning for the filter to match, all conditions must match.

Boolean filters - The TrueFilter and FalseFilter either cause all arriving messages (true) or none of the arriving messages (false) to be selected for the subscription. References:

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

NEW QUESTION 50

- (Exam Topic 3)

You are deploying an Azure Kubernetes Services (AKS) cluster that will use multiple containers.

You need to create the cluster and verify that the services for the containers are configured correctly and available.

Which four commands should you use to develop the solution? To answer, move the appropriate command segments from the list of command segments to the answer area and arrange them in the correct order.

Command segments

Answer Area

- az aks get-credentials
- az appservice plan create
- az aks create
- az group create
- kubectl apply



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Step 1: az group create

Create a resource group with the az group create command. An Azure resource group is a logical group in which Azure resources are deployed and managed.

Example: The following example creates a resource group named myAKSCluster in the eastus location. az group create --name myAKSCluster --location eastus

Step 2 : az aks create

Use the az aks create command to create an AKS cluster. Step 3: kubectl apply

To deploy your application, use the kubectl apply command. This command parses the manifest file and creates the defined Kubernetes objects.

Step 4: az aks get-credentials

Configure it with the credentials for the new AKS cluster. Example:

az aks get-credentials --name aks-cluster --resource-group aks-resource-group References:

<https://docs.bitnami.com/azure/get-started-aks/>

NEW QUESTION 51

- (Exam Topic 3)

You develop a solution that uses an Azure SQL Database to store user information for a mobile app. The app stores sensitive information about users.

You need to hide sensitive information from developers that query the data for the mobile app.

Which three items must you identify when configuring dynamic data masking? Each correct answer presents a part of the solution.

NOTE: Each correct selection is worth one point.

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

Answer: ABE

Explanation:

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

Dynamic Data Masking
demo_database

Save Discard Add Mask

Downlevel clients require the use of Security Enabled Connection Strings.

Masking Rules

MASK NAME	MASK FUNCTION
You haven't created any masking rules.	

SQL users excluded from masking (administrators are always excluded)

SQL users excluded from masking (administrators are always excluded) ✓

Recommended fields to mask

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

References:

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

NEW QUESTION 52

- (Exam Topic 3)

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

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

NOTE: Each correct selection is worth one point.

- A. Trace
- B. Session Id
- C. Exception
- D. User Id
- E. Events

Answer: ADE

Explanation:

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

Application Insights manages the ID of a session for you. References: <https://github.com/microsoft/ApplicationInsights-Android>

NEW QUESTION 55

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