- **Vendor: Microsoft**
- **Exam Code: AZ-204**
- **Exam Name: Developing Solutions for Microsoft Azure**
- **Part of New Questions from PassLeader (Updated in Apr/2021)**

Visit PassLeader and Download Full Version AZ-204 Exam Dumps

NEW QUESTION 319
You are developing a solution that will be deployed to an Azure Kubernetes Service (AKS) cluster. The solution will include a custom VNet, Azure Container Registry images, and an Azure Storage account. The solution must allow dynamic creation and management of all Azure resources within the AKS cluster. You need to configure an AKS cluster for use with the Azure APIs.
Solution: Enable the Azure Policy Add-on for Kubernetes to connect the Azure Policy service to the GateKeeper admission controller for the AKS cluster. Apply a built-in policy to the cluster.
Does the solution meet the goal?

A. Yes
B. No

Answer: B
Explanation:
Instead create an AKS cluster that supports network policy. Create and apply a network to allow traffic only from within a defined namespace.
https://docs.microsoft.com/en-us/azure/aks/use-network-policies

NEW QUESTION 320
You are developing a website that will run as an Azure Web App. Users will authenticate by using their Azure Active Directory (Azure AD) credentials. You plan to assign users one of the following permission levels for the website: admin, normal, and reader. A user's Azure AD group membership must be used to determine the permission level. You need to configure authorization.
Solution: Configure the Azure Web App for the website to allow only authenticated requests and require Azure AD log on.
Does the solution meet the goal?

A. Yes
B. No

Answer: B
Explanation:
Instead in the Azure AD application's manifest, set value of the groupMembershipClaims option to All.
https://blogs.msdn.microsoft.com/waws/2017/03/13/azure-app-service-authentication-aad-groups/

NEW QUESTION 321
A team has created an Index in the Azure Search service. You have to upload data into the Index.

You propose the following steps to carry out from your .net program:
- Create a SearchServiceClient object to connect to the search index.
- Create a DataContainer that contains the documents which must be added.
- Create a DataSource instance and set its Container property to the DataContainer.
- Set the DataSource property of the SearchServiceClient.
Does the list of steps fulfil the requirement?

A. Yes
B. No

Answer: B
Explanation:
https://docs.microsoft.com/en-us/azure/search/search-what-is-azure-search#how-to-use-azure-search

NEW QUESTION 322
A team is developing container-based applications that need to be deployed to a Kubernetes cluster in Azure. You have to create the cluster and ensure the services are running as desired. Which of the following commands would you execute? (Choose four.)

A. az aks create
B. az group create
C. kubectl apply
D. az appservice plan create
E. az aks get-credentials

Answer: ABCE
Explanation:
https://docs.microsoft.com/en-us/azure/aks/kubernetes-walkthrough

NEW QUESTION 323
You are preparing to deploy an ASP.NET Core website to an Azure Web App from a GitHub repository. The website includes static content generated by a script. You plan to use the Azure Web App continuous deployment feature. You need to run the static generation script before the website starts serving traffic. What are two possible ways to achieve this goal? (Each correct answer presents a complete solution. Choose two.)

A. Create a file named .deployment in the root of the repository that calls a script which generates the static content and deploys the website.
B. Add a PreBuild target in the websites csproj project file that runs the static content generation script.
C. Create a file named run.cmd in the folder /run that calls a script which generates the static content and deploys the website.
D. Add the path to the static content generation tool to WEBSITE_RUN_FROM_PACKAGE setting in the host.json file.

Answer: AD
Explanation:
A: To customize your deployment, include a .deployment file in the repository root.
D: In Azure, you can run your functions directly from a deployment package file in your function app. The other option is to deploy your files in the d:\home\site\wwwroot directory of your function app (see A above). To enable your function app to run from a package, you just add a WEBSITE_RUN_FROM_PACKAGE setting to your function app settings.
https://github.com/projectkudu/kudu/wiki/Custom-Deployment-Script
https://docs.microsoft.com/bs-latn-ba/azure/azure-functions/run-functions-from-deployment-

package

NEW QUESTION 324
A consultant needs to deploy Web Applications to the Azure Web App service for 4 customers. Each customer needs to have the application running on a separate individual instance. The following key requirements are also in place:
- Ability to automatically scale on demand.
- Ability to use deployment slots to test staging environments.
- All Azure resources should be located in a separate isolated network.
- Costs need to be minimized.
How many instances would you keep running for the requirement?

A. 16
B. 8
C. 12
D. 4

Answer: D

NEW QUESTION 325
A development team 'PNX' is developing an application. The application will be storing its data in Azure Table storage. Below are the fields that are going to be stored in the table:
- Region
- Email address
- Phone number
The following snippet of code needs to be completed that would be used to insert a batch of records. Out of the given Options select which will go into Slot2?

A. TableOperation
B. TableBatchOperation
C. TableEntity
D. TableQuery

Answer: B

NEW QUESTION 326
You are developing an Azure Function App that processes images that are uploaded to an Azure Blob container. Images must be processed as quickly as possible after they are uploaded, and the solution must minimize latency. You create code to process images when the Function App is triggered. You need to configure the Function App. What should you do?

A. Use an App Service plan. Configure the Function App to use an Azure Blob Storage input trigger.
B. Use a Consumption plan. Configure the Function App to use an Azure Blob Storage trigger.
C. Use a Consumption plan. Configure the Function App to use a Timer trigger.
D. Use an App Service plan. Configure the Function App to use an Azure Blob Storage trigger.
E. Use a Consumption plan. Configure the Function App to use an Azure Blob Storage input trigger.

Answer: B
Explanation:
The Blob storage trigger starts a function when a new or updated blob is detected. The blob contents are provided as input to the function. The Consumption plan limits a function app on one virtual machine (VM) to 1.5 GB of memory.
https://docs.microsoft.com/en-us/azure/azure-functions/functions-bindings-storage-blob-trigger

NEW QUESTION 327
You provide an Azure API Management managed web service to clients. The back-end web service implements HTTP Strict Transport Security (HSTS). Every request to the backend service must include a valid HTTP authorization header. You need to configure the Azure API Management instance with an authentication policy. Which two policies can you use? (Each correct answer presents a complete solution. Choose two.)

A. Basic Authentication
B. Digest Authentication
C. Certificate Authentication
D. OAuth Client Credential Grant

Answer: CD

NEW QUESTION 328
You have an application that includes an Azure Web app and several Azure Function apps. Application secrets including connection strings and certificates are stored in Azure Key Vault. Secrets must not be stored in the application or application runtime environment. Changes to Azure Active Directory (Azure AD) must be minimized. You need to design the approach to loading application secrets. What should you do?

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

Answer: C
Explanation:
Use Key Vault references for App Service and Azure Functions. Key Vault references currently only support system-assigned managed identities. User-assigned identities cannot be used.
https://docs.microsoft.com/en-us/azure/app-service/app-service-key-vault-references

NEW QUESTION 329
You are creating a hazard notification system that has a single signaling server which triggers audio and visual alarms to start and stop. You implement Azure Service Bus to publish alarms. Each alarm controller uses Azure Service Bus to receive alarm signals as part of a transaction. Alarm events must be recorded for audit purposes. Each transaction record must include information about the alarm type that was activated. You need to implement a reply trail auditing solution. Which two actions should you perform? (Each correct answer resents part of the solution. Choose two.)

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

Answer: AD
Explanation:
D: CorrelationId: Enables an application to specify a context for the message for the purposes of correlation; for example, reflecting the MessageId of a message that is being replied to.
A: ReplyToSessionId: This value augments the ReplyTo information and specifies which SessionId should be set for the reply when sent to the reply entity.
Incorrect:
Not B, E: DeliveryCount. Number of deliveries that have been attempted for this message. The count is incremented when a message lock expires, or the message is explicitly abandoned by the receiver. This property is read-only.
Not C, E: SequenceNumber. The sequence number is a unique 64-bit integer assigned to a message as it is accepted and stored by the broker and functions as its true identifier. For partitioned entities, the topmost 16 bits reflect the partition identifier. Sequence numbers monotonically increase and are gapless. They roll over to 0 when the 48-64 bit range is exhausted. This property is read-only.
https://docs.microsoft.com/en-us/azure/service-bus-messaging/service-bus-messages-payloads

NEW QUESTION 330
You are developing an Azure messaging solution. You need to ensure that the solution meets the following requirements:
- Provide transactional support.
- Provide duplicate detection.
- Store the messages for an unlimited period of time.
Which two technologies will meet the requirements? (Each correct answer presents a complete solution. Choose two.)

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

Answer: AB
Explanation:
The Azure Service Bus Queue and Topic has duplicate detection. Enabling duplicate detection helps keep track of the application-controlled MessageId of all messages sent into a queue or topic during a specified time window.
Incorrect:
Not C: There is just no mechanism that can query a Storage queue and find out if a message with the same contents is already there or was there before.
Not D: Azure Event Hub does not have duplicate detection.
https://docs.microsoft.com/en-us/azure/service-bus-messaging/duplicate-detection

NEW QUESTION 331
Hotspot
You are developing an ASP.NET Core app that includes feature flags which are managed by Azure App Configuration. You create an Azure App Configuration store named AppFeatureFlagStore that contains a feature flag named Export. You need to update the app to meet the following requirements:
- Use the Export feature in the app without requiring a restart of the app.
- Validate users before users are allowed access to secure resources.
- Permit users to access secure resources.
How should you complete the code segment? (To answer, select the appropriate options in the answer area.)

Answer Area

```
public void Configure(IApplicationBuilder app, IWebHostEnvironment env)
{
if (env.IsDevelopment())
{
   app.UseDeveloperExceptionPage();
{
else
{
   app.UseExceptionHandler("/Error");
}

app.  [          ]  ();
      UseAuthentication
      UseStaticFiles
      UseSession
      UseCookiePolicy

app.  [          ]  ();
      UseAuthorization
      UseHttpsRedirection
      UseSession
      UseCookiePolicy

app.  [          ]  ();
      UseAzureAppConfiguration
      UseRequestLocalization
      UseCors
      UseStaticFiles

app.UseEndpoint(endpoints =>
{
   endpoints.MapRazorPages();
});
}
```

Answer:

Answer Area

```
public void Configure(IApplicationBuilder app, IWebHostEnvironment env)
{
if (env.IsDevelopment())
{
   app.UseDeveloperExceptionPage();
{
else
{
   app.UseExceptionHandler("/Error");
}

app. [UseAuthentication / UseStaticFiles / UseSession / UseCookiePolicy] ();

app. [UseAuthorization / UseHttpsRedirection / UseSession / UseCookiePolicy] ();

app. [UseAzureAppConfiguration / UseRequestLocalization / UseCors / UseStaticFiles] ();

app.UseEndpoint(endpoints =>
{
   endpoints.MapRazorPages();
});
}
```

Explanation:
Box 1: UseAuthentication. Need to validate users before users are allowed access to secure resources. UseAuthentication adds the AuthenticationMiddleware to the specified IApplicationBuilder, which enables authentication capabilities.
Box 2: UseAuthorization. Need to permit users to access secure resources. UseAuthorization adds the AuthorizationMiddleware to the specified IApplicationBuilder, which enables authorization capabilities.
Box 3: UseStaticFiles. Need to use the Export feature in the app without requiring a restart of the app. UseStaticFiles enables static file serving for the current request path.
https://docs.microsoft.com/en-us/dotnet/api/microsoft.aspnetcore.builder.iapplicationbuilder?view=aspnetcore-5.0

NEW QUESTION 332
Drag and Drop
A company has multiple warehouse. Each warehouse contains IoT temperature devices which

deliver temperature data to an Azure Service Bus queue. You need to send email alerts to facility supervisors immediately if the temperature at a warehouse goes above or below specified threshold temperatures. Which five 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

- Add a logic app trigger that fires when one or more messages arrive in the queue.
- Add a Recurrence trigger that schedules the app to run every 15 minutes.
- Add an action that sends an email to specified personnel if the temperature is outside of those thresholds.
- Add a trigger that reads IoT temperature data from a Service Bus queue.
- Add a logic app action that fires when one or more messages arrive in the queue.
- Add a condition that compares the temperature against the upper and lower thresholds.
- Create a blank Logic app.
- Add an action that reads IoT temperature data from the Service Bus queue.

Answer Area

Answer:

Actions

- Add a logic app trigger that fires when one or more messages arrive in the queue.
- Add a Recurrence trigger that schedules the app to run every 15 minutes.
- Add a trigger that reads IoT temperature data from a Service Bus queue.

Answer Area

- Create a blank Logic app.
- Add a logic app action that fires when one or more messages arrive in the queue.
- Add an action that reads IoT temperature data from the Service Bus queue.
- Add an action that sends an email to specified personnel if the temperature is outside of those thresholds.
- Add a condition that compares the temperature against the upper and lower thresholds.

Explanation:

Step 1: Create a blank Logic app. Create and configure a Logic App.

Step 2: Add a logical app trigger that fires when one or more messages arrive in the queue. Configure the logic app trigger. Under Triggers, select When one or more messages arrive in a queue (auto-complete).

Step 3: Add an action that reads IoT temperature data from the Service Bus queue.

Step 4: Add a condition that compares the temperature against the upper and lower thresholds.

Step 5: Add an action that sends an email to specified personnel if the temperature is outside of

those thresholds.
https://docs.microsoft.com/en-us/azure/iot-hub/iot-hub-monitoring-notifications-with-azure-logic-apps

NEW QUESTION 333
.....