



AZ-204^{Q&As}

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**QUESTION 1**

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 represents part of the solution.

NOTE: Each correct selection is worth one point.

- 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 DeliveryCount 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.

Correct Answer: AD

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 Answers:

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.

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.

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

**QUESTION 2****DRAG DROP**

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.

Select and Place:

Command segments**Answer Area**

az aks get-credentials

az appservice plan create

az aks create

az group create

kubectl apply



Correct Answer:

**Command segments****Answer Area****QUESTION 3**

You develop and deploy a web app to Azure App Service. The Azure App Service uses a Basic plan in a single region.

You need to capture the telemetry.

Which three actions should you perform? Each correct answer presents part of the solution

NOTE; Each correct selection is worth one point

- A. Upgrade the Azure App Service plan to Premium.
- B. Enable remote debugging.
- C. Enable Profiler
- D. Restart an apps in the App Service plan
- E. Enable Snapshot debugger
- F. Enable Application Insights site extensions.
- G. Enable the Always On setting for the app service.

Correct Answer: CDF

QUESTION 4

You are developing a .NET Core MVC application that allows customers to research independent holiday



accommodation providers.

You want to implement Azure Search to allow the application to search the index by using various criteria to locate documents related to accommodation venues.

You want the application to list holiday accommodation venues that fall within a specific price range and are within a specified distance to an airport.

What should you do?

- A. Configure the SearchMode property of the SearchParameters class.
- B. Configure the QueryType property of the SearchParameters class.
- C. Configure the Facets property of the SearchParameters class.
- D. Configure the Filter property of the SearchParameters class.

Correct Answer: D

The Filter property gets or sets the OData \$filter expression to apply to the search query.

Reference: <https://docs.microsoft.com/en-us/dotnet/api/microsoft.azure.search.models.searchparameters>
<https://docs.microsoft.com/en-us/dotnet/api/microsoft.azure.search.models.searchparameters.querytype>

QUESTION 5

DRAG DROP

A company backs up all manufacturing data to Azure Blob Storage. Admins move blobs from hot storage to archive tier storage every month.

You must automatically move blobs to Archive tier after they have not been modified within 180 days. The path for any item that is not archived must be placed in an existing queue. This operation must be performed automatically once a month. You set the value of TierAgeInDays to -180.

How should you configure the Logic App? To answer, drag the appropriate triggers or action blocks to the correct trigger or action slots. Each trigger or action block 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.

Select and Place:



Triggers and action blocks

Insert Entity

Table: processing

Entity: Path

Show advanced options

Tier blob

If blob is older than the defined value, tier it to Cool or Archive tier.

Blob path: Path

Blob tier: Archive

When there are messages in a queue

Queue Name: processing

Show advanced options

Connected to testConnection. Change connection

Recurrence

Interval: 1

Frequency: Month

Show advanced options

List blobs2

Folder: /items

Show advanced options

Condition

Check LastModified timestamp and whether older than the tier age variable

ticks(items[For_each]?[LastModified]) is less than ticks(addDaysInMonth(), variables('TierAgeInDays'))

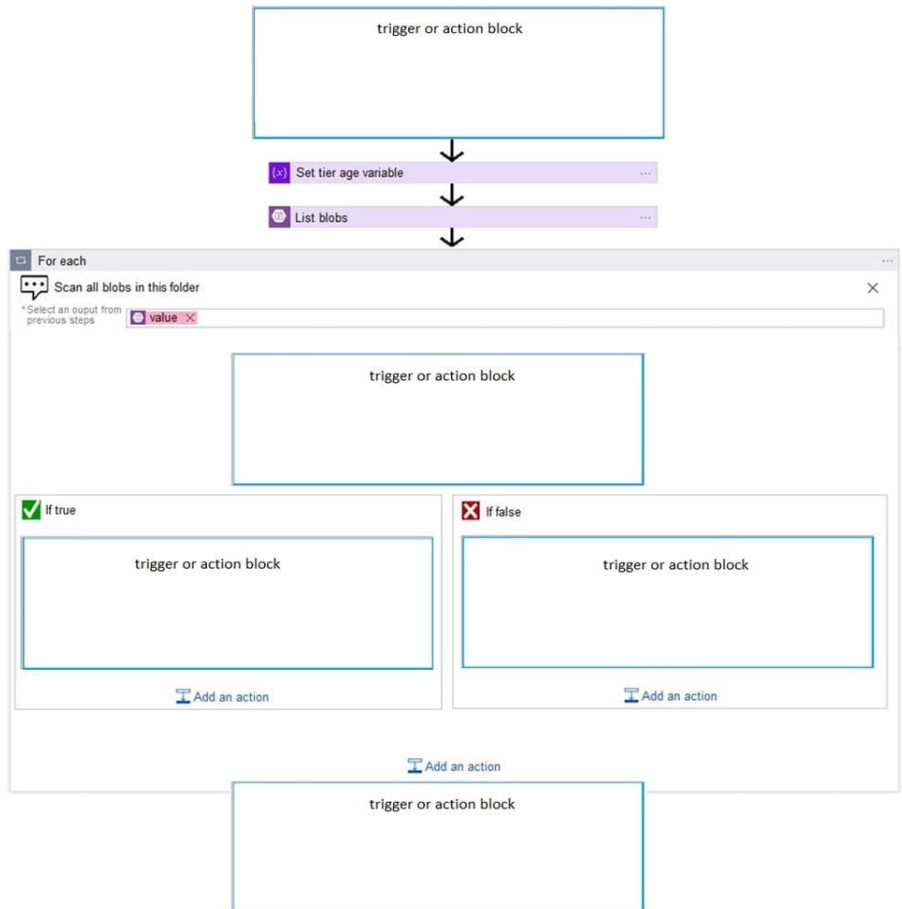
Put a message on a queue

Queue Name: processing

Message: Path

Connected to testConnection. Change connection

Answer area



Correct Answer:



Triggers and action blocks

Insert Entity
Table: processing
Entity: Path X
Show advanced options

Put a message on a queue
Queue Name: processing
Message: Path X
Connected to testConnection. Change connection

Answer area

Recurrence
Interval: 1
Frequency: Month
Show advanced options

↓

Set tier age variable

↓

List blobs

↓

For each
Scan all blobs in this folder
* Select an output from previous steps: value X

Condition
Check LastModified timestamp and whether older than the tier age variable
ticks/items(For_each)? ['LastModified'] is less than ticks[addDaysInMonth(), variables(TierAgeInDays)]

If true

When there are messages in a queue
Queue Name: processing
Show advanced options
Connected to testConnection. Change connection

Add an action

If false

Tier blob
If blob is older than the defined value, tier it to Cool or Archive tier.
Blob path: Path X
Blob tier: Archive
Add an action

Add an action

List blobs 2
Folder: /items
Show advanced options

Box 1: Reoccurrence..

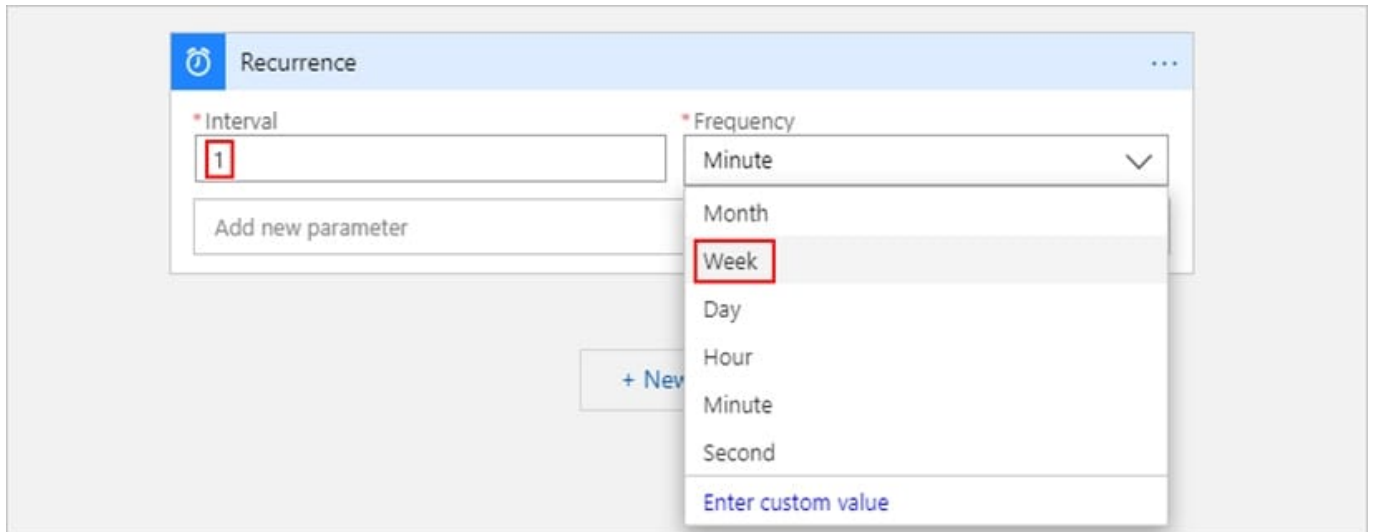
To regularly run tasks, processes, or jobs on specific schedule, you can start your logic app workflow with the built-in Recurrence - Schedule trigger. You can set a date and time as well as a time zone for starting the workflow and a

recurrence for repeating that workflow.

Set the interval and frequency for the recurrence. In this example, set these properties to run your workflow every week.

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Box 2: Condition..

To run specific actions in your logic app only after passing a specified condition, add a conditional statement. This control structure compares the data in your workflow against specific values or fields. You can then specify different actions

that run based on whether or not the data meets the condition.

Box 3: Put a message on a queue

The path for any item that is not archived must be placed in an existing queue.

Note: Under If true and If false, add the steps to perform based on whether the condition is met.

Box 4: ..tier it to Cool or Archive tier.

Archive item.

Box 5: List blobs 2

<https://docs.microsoft.com/en-us/azure/connectors/connectors-native-recurrence>

<https://docs.microsoft.com/en-us/azure/logic-apps/logic-apps-control-flow-loops>

<https://docs.microsoft.com/en-us/azure/logic-apps/logic-apps-control-flow-conditional-statement>

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