Congratulations! You passed!
TO PASS 80% or higher

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Course practice exam

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1. Azure Event Grid can distribute events from various Azure resource types. Which of the following can generate events which can be handled by Azure Event Grid?

1 / 1 point

- [x] Azure Subscriptions

Correct
Azure Storage accounts can generate events that can be distributed by Azure Event Grid.

- [x] Azure Service Bus

Correct
Azure Storage accounts can generate events that can be distributed by Azure Event Grid.

- [x] Azure Storage Accounts

Correct
Azure Storage accounts can generate events that can be distributed by Azure Event Grid.

- [ ] Azure Virtual Machines
- [ ] Azure Logic Apps

2. True or False?

1 / 1 point

In Azure Event Grid, system topics are application or third-party topics.

- ( ) True
- (•) False

Correct
System topics are not application or third-party topics.

3. A retail chain that has 500 stores is using POS devices to receive payments and collect data. A single device can produce 1.5 megabytes (MB) of data. You need to implement a solution to receive the device data and you also need to correlate the data with the device that it provides it.

1 / 1 point

Solution: Provision an Azure Event Grid. Configure event filtering to evaluate the device identifier.

Does the solution meet the goal?

- ( ) Yes
- (•) No

Correct
Azure Event Grid is for managing the routing of all events from any source to any destination.

4. You are developing a web application for your customer. To ensure a microservices approach, the components of the application are decoupled asynchronous communication. You rely on the order of the messages to map the flow of the data.

0 / 1 point

Which Azure service do you include in your development?

- ( ) Storage Queues
- ( ) Azure Notification Hubs
- ( ) Service Bus
- (•) Event Grid

Incorrect

Try going back and reviewing Module 2 – Implement messaged-based communication workflows with Azure Service Bus.

5. You are developing an application that will interact programmatically with Azure Service Bus. You want to use the library of classes that Microsoft provides and which you can use in any .NET Framework language. **1 / 1 point**

What should you do to make use of this library?

- ○ Nothing. These classes are automatically included in any development environment
- ○ Install a special software that Microsoft provides to use these classes
- ◉ Install the Microsoft.Azure.ServiceBus NuGet package

✓ **Correct**
You can include this library in your application by adding the Microsoft.Azure.ServiceBus NuGet package.

6. You plan on developing a solution that will assure a messaging component. This component should be able to provide transactional support, store the messages for an indefinite period, and detect duplicates. **0 / 1 point**

Which two technologies will meet the requirements?

- ☐ Azure Service Bus Topic
- ☐ Azure Event Hub
- ☑ Azure Storage Queue

✗ **This should not be selected**
Try going back and reviewing Module 2 – Implement messaged-based communication workflows with Azure Service Bus.

Select two options.

- ☑ Azure Service Bus Queue

✓ **Correct**
Service Bus is a transactional message broker and ensures transactional integrity for all internal operations against its message stores. All transfers of messages inside of Service Bus, such as moving messages to a dead-letter queue or automatic forwarding of messages between entities, are transactional.

7. You plan on creating an application for a retail company that will handle different components of a transaction. Services like inventory, payment, and shipping will be managed by different cloud services. What service should you include in your application to ensure asynchronous communication through REST messages about transaction information? **1 / 1 point**

- ◉ Azure Queue Storage
- ○ Azure Blob storage
- ○ Azure Notification Hubs

✓ **Correct**
Azure Queue Storage is a service for storing large numbers of messages. You access messages from anywhere in the world via authenticated calls using HTTP or HTTPS. A queue message can be up to 64 KB in size. A queue may contain millions of messages, up to the total capacity limit of a storage account. Queues are commonly used to create a backlog of work to process asynchronously.

8. True or False? **1 / 1 point**

The Azure Storage client library uses a connection string to establish your connection. Your connection string can only be retrieved via the Azure portal.

- ○ True
- ◉ False

✓ **Correct**
The connection string can be retrieved in various ways, including the Azure Portal, Azure CLI, or PowerShell.

9. By using Azure Event Hubs in combination with Azure Stream Analytics, you can analyze complex data in near real time. **1 / 1 point**

- ○ Azure Service Bus
- ◉ True

✓ **Correct**
Using Event Hubs with Stream Analytics allows complex analysis of data in near real time.

Using Event Hubs with Stream Analytics allows complex analysis of data in near real-time.

10. You are planning on creating an Event Hubs namespace, and an Event Hub in a new resource group. You plan on automating the creation of these resources with the help of Azure CLI. **1 / 1 point**

Which three commands should you use?

- [ ] az eventhubs eventhub update
- [x] az eventhubs namespace create

✓ **Correct**
This CLI command will create an EventHubs namespace.

- [x] az group create

✓ **Correct**
This CLI command will create a new resource group.

- [x] az eventhubs eventhub create

✓ **Correct**
This CLI command will create an Event Hub.

- [ ] az eventhubs namespace update