AZ-305^{Q&As}

AZ-305 Q&As

Designing Microsoft Azure Infrastructure Solutions

Pass Microsoft AZ-305 Exam with 100% Guarantee

Free Download Real Questions & Answers **PDF** and **VCE** file from:

https://www.pass4itsure.com/az-305.html

100% Passing Guarantee
100% Money Back Assurance

Following Questions and Answers are all new published by Microsoft Official Exam Center

QUESTION 1

HOTSPOT

You have an Azure subscription that contains the resources shown in the following table:

Name	Type	Description
App1	Azure App Service app	*None*
Workspace1	Log Analytics workspace	Configured to use a pay-as-you-go pricing tier
App1Logs	Log Analytics table	Hosted in Workspace1 Configured to use the Analytics Logs data plan

Log files from App1 are registered to App1Logs. An average of 120 GB of log data is ingested per day.

You configure an Azure Monitor alert that will be triggered if the App1 logs contain error messages.

You need to minimize the Log Analytics costs associated with App1. The solution must meet the following requirements:

Ensure that all the log files from App1 are ingested to App1Logs.

Minimize the impact on the Azure Monitor alert.

Which resource should you modify, and which modification should you perform? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Resource:
- App1
- App1Logs
- Workspace1

Modification:
- Change to a commitment pricing tier.
- Change to the Basic Logs data plan.
- Set a daily cap.

Correct Answer:

Answer Area

Box 1: Workspace1

Resource

Box 2: Change to a commitment pricing tier

Modification

Commitment tiers

In addition to the pay-as-you-go model, Log Analytics has commitment tiers, which can save you as much as 30 percent compared to the pay-as-you-go price. With commitment tier pricing, you can commit to buy data ingestion for a

workspace, starting at 100 GB per day, at a lower price than pay-as-you-go pricing. Any usage above the commitment level (overage) is billed at that same price per GB as provided by the current commitment tier.

Incorrect:

*Change to the Basic Logs data plan.

Would not support alerts.

Note: Azure Monitor Logs offers two log data plans that let you reduce log ingestion and retention costs and take advantage of Azure Monitor\\'s advanced features and analytics capabilities based on your needs:

The default Analytics log data plan provides full analysis capabilities and makes log data available for queries, Azure Monitor features, such as alerts, and use by other services.

The Basic log data plan lets you save on the cost of ingesting and storing high-volume verbose logs in your Log Analytics workspace for debugging, troubleshooting, and auditing, but not for analytics and alerts.

* Set a daily cap

A daily cap would not guarantee that all log files are ingested.

Set daily cap on Log Analytics workspace

A daily cap on a Log Analytics workspace allows you to avoid unexpected increases in charges for data ingestion by stopping collection of billable data for the rest of the day whenever a specified threshold is reached.

Reference: https://learn.microsoft.com/en-us/azure/azure-monitor/logs/cost-logs#commitment-tiers https://learn.microsoft.com/en-us/azure/azure-monitor/logs/daily-cap https://learn.microsoft.com/en-us/azure/azure-monitor/logs/basic-logs-configure

---

QUESTION 2

You need to recommend an App Service architecture that meets the requirements for App1.

The solution must minimize costs.

What should few recommend?

A. one App Service Environment (ASE) per availability zone

B. one App Service plan per availability zone

C. one App Service plan per region

D. one App Service Environment (ASE) per region

Correct Answer: C

QUESTION 3

HOTSPOT

You have five Azure subscriptions. Each subscription is linked to a separate Azure AD tenant and contains virtual machines that run Windows Server 2022.

You plan to collect Windows security events from the virtual machines and send them to a single Log Analytics workspace.

You need to recommend a solution that meets the following requirements:

1.

Collects event logs from multiple subscriptions

2.

Supports the use of data collection rules (DCRs) to define which events to collect

What should you recommend for each requirement? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

To collect the event logs:

Azure Event Grid	
Azure Lighthouse	
Azure Purview	

To support the DCRs:

The Log Analytics agent	
The Azure Monitor agent	
The Azure Connected Machine agent	

Correct Answer:

Answer Area

To collect the event logs:

Azure Event Grid	
Azure Lighthouse	
Azure Purview	

To support the DCRs:

The Log Analytics agent	
The Azure Monitor agent	
The Azure Connected Machine agent	

QUESTION 4

You have an Azure subscription that contains the resources shown in the following table.

Name	Type	Description
VM1	Virtual machine	Frontend component in the Central US Azure region
VM2	Virtual machine	Backend component in the East US Azure region
VM3	Virtual machine	Backend component in the West US 2 Azure region
VNet1	Virtual network	Hosts VM1
VNet2	Virtual network	Hosts VM2
VNet3	Virtual network	Hosts VM3

You create peering between VNet1 and VNet2 and between VNet1 and VNet3.

The virtual machines host an HTTPS-based client/server application and are accessible only via the private IP address of each virtual machine.

You need to implement a load balancing solution for VM2 and VM3. The solution must ensure that if VM2 fails, requests will be routed automatically to VM3, and if VM3 fails, requests will be routed automatically to VM2.

What should you include in the solution?

A. Azure Firewall Premium

B. Azure Application Gateway v2

C. a cross-region load balancer

D. Azure Front Door Premium

Correct Answer: D

Reference: https://learn.microsoft.com/en-us/azure/architecture/guide/technology-choices/load-balancing-overview

---

QUESTION 5

You are designing an order processing system in Azure that will contain the Azure resources shown in the following table.

Name	Type	Purpose
App1	Web app	Processes customer orders
Function1	Function	Check product availability at vendor 1
Function2	Function	Check product availability at vendor 2
storage1	Storage account	Stores order processing logs

The order processing system will have the following transaction flow:

1.

A customer will place an order by using App1.

2.

When the order is received, App1 will generate a message to check for product availability at vendor 1 and vendor 2.

3.

An integration component will process the message, and then trigger either Function1 or Function2 depending on the type of order. Once a vendor confirms the product availability, a status message for App1 will be generated by Function1 or Function2.

4.

All the steps of the transaction will be logged to storage1.

Which type of resource should you recommend for the integration component? Which type of resource should you recommend for the integration component?

A. an Azure Data Factory pipeline

B. an Azure Service Bus queue

C. an Azure Event Grid domain

D. an Azure Event Hubs capture

Correct Answer: A

A data factory can have one or more pipelines. A pipeline is a logical grouping of activities that together perform a task.

The activities in a pipeline define actions to perform on your data.

Data Factory has three groupings of activities: data movement activities, data transformation activities, and control activities. Azure Functions is now integrated with Azure Data Factory, allowing you to run an Azure function as a step in your

data factory pipelines.

Reference: https://docs.microsoft.com/en-us/azure/data-factory/concepts-pipelines-activities

[AZ-305 PDF Dumps](#)   [AZ-305 VCE Dumps](#)   [AZ-305 Study Guide](#)