



# AZ-305<sup>Q&As</sup>

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.geekcert.com/az-305.html>

100% Passing Guarantee  
100% Money Back Assurance

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

- ⚙️ **Instant Download** After Purchase
- ⚙️ **100% Money Back** Guarantee
- ⚙️ **365 Days** Free Update
- ⚙️ **800,000+** Satisfied Customers





### QUESTION 1

A company is planning on deploying an application onto Azure. The application will be based on the .Net core programming language. The application would be hosted using Azure Web apps. Below is part of the various requirements for the application

Give the ability to correlate Azure resource usage and the performance data with the actual application configuration and performance data  
Give the ability to visualize the relationships between application components  
Give the ability to track requests and exceptions to specific lines of code from within the application  
Give the ability to actually analyse how users return to an application and see how often they only select a particular drop-down value

Which of the following service would be best suited for fulfilling the requirement of “Give the ability to correlate Azure resource usage and the performance data with the actual application configuration and performance data” ?

- A. Azure Application Insights
- B. Azure Service Map
- C. Azure Log Analytics
- D. Azure Activity Log

Correct Answer: C

---

### QUESTION 2

#### DRAG DROP

Your company has an existing web app that runs on Azure virtual machines.

You need to ensure that the app is protected from SQL injection attempts and uses a layer-7 load balancer. The solution must minimize disruptions to the code of the app.

What should you recommend? To answer, drag the appropriate services to the correct targets. Each service 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:



### Services

Web Application Firewall (WAF)

Azure Application Gateway

Azure Load Balancer

Azure Traffic Manager

SSL offloading

URL-based content routing

### Answer Area

Azure service:

Service

Feature:

Service

Correct Answer:

### Services

Azure Load Balancer

Azure Traffic Manager

SSL offloading

URL-based content routing

### Answer Area

Azure service:

Azure Application Gateway

Feature:

Web Application Firewall (WAF)

Box 1: Azure Application Gateway

The Azure Application Gateway Web Application Firewall (WAF) provides protection for web applications. These protections are provided by the Open Web Application Security Project (OWASP) Core Rule Set (CRS).

Box 2: Web Application Firewall (WAF)

Reference:

<https://docs.microsoft.com/en-us/azure/web-application-firewall/ag/application-gateway-customize-waf-rules-portal>



### QUESTION 3

#### HOTSPOT

You plan to create an Azure Storage account that will host file shares. The shares will be accessed from on-premises applications that are transaction-intensive.

You need to recommend a solution to minimize latency when accessing the file shares. The solution must provide the highest-level of resiliency for the selected storage tier.

What should you include in the recommendation? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

### Answer Area

Storage tier:

	▼
Hot	
Premium	
Transaction optimized	

Redundancy:

	▼
Geo-redundant storage (GRS)	
Zone-redundant storage (ZRS)	
Locally-redundant storage (LRS)	

Correct Answer:



## Answer Area

Storage tier:

	▼
Hot	
Premium	
Transaction optimized	

Redundancy:

	▼
Geo-redundant storage (GRS)	
Zone-redundant storage (ZRS)	
Locally-redundant storage (LRS)	

Box 1: Premium

Premium: Premium file shares are backed by solid-state drives (SSDs) and provide consistent high performance and low latency, within single-digit milliseconds for most IO operations, for IO-intensive workloads.

Incorrect Answers:

Hot: Hot file shares offer storage optimized for general purpose file sharing scenarios such as team shares. Hot file shares are offered on the standard storage hardware backed by HDDs.

Transaction optimized: Transaction optimized file shares enable transaction heavy workloads that don't need the latency offered by premium file shares. Transaction optimized file shares are offered on the standard storage hardware backed

by hard disk drives (HDDs). Transaction optimized has historically been called "standard", however this refers to the storage media type rather than the tier itself (the hot and cool are also "standard" tiers, because they are on standard

storage hardware).

Box 2: Zone-redundant storage (ZRS):

Premium Azure file shares only support LRS and ZRS.

Zone-redundant storage (ZRS): With ZRS, three copies of each file stored, however these copies are physically isolated in three distinct storage clusters in different Azure availability zones.

Reference:



<https://docs.microsoft.com/en-us/azure/storage/files/storage-files-planning>

#### QUESTION 4

##### HOTSPOT

You have the Azure resources shown in the following table.

Name	Type	Description
VNET1	Virtual network	Connected to an on-premises network by using ExpressRoute
VM1	Virtual machine	Configured as a DNS server
SQLDB1	Azure SQL Database	Single instance
PE1	Private endpoint	Provides connectivity to SQLDB1
contoso.com	Private DNS zone	Linked to VNET1 and contains an A record for PE1
contoso.com	Public DNS zone	Contains a CNAME record for SQLDB1

You need to design a solution that provides on-premises network connectivity to SQLDB1 through PE1. How should you configure name resolution? To answer, select the appropriate options in the answer area.

Hot Area:

Azure configuration:

Configure VM1 to forward contoso.com to the public DNS zone.  
Configure VM1 to forward contoso.com to the Azure-provided DNS at 168.63.129.16.  
In VNet1, configure a custom DNS server set to the Azure-provided DNS at 168.63.129.16.

On-premises DNS configuration:

Forward contoso.com to VM1.  
Forward contoso.com to the public DNS zone.  
Forward contoso.com to the Azure-provided DNS at 168.63.129.16.

Correct Answer:

Azure configuration:

Configure VM1 to forward contoso.com to the public DNS zone.  
Configure VM1 to forward contoso.com to the Azure-provided DNS at 168.63.129.16.  
In VNet1, configure a custom DNS server set to the Azure-provided DNS at 168.63.129.16.

On-premises DNS configuration:

Forward contoso.com to VM1.  
Forward contoso.com to the public DNS zone.  
Forward contoso.com to the Azure-provided DNS at 168.63.129.16.

#### QUESTION 5



You need to recommend a storage solution for the records of a mission critical application. The solution must provide a Service Level Agreement (SLA) for the latency of write operations and the throughput. What should you include in the recommendation?

- A. Azure Data Lake Storage Gen2
- B. Azure Blob Storage
- C. Azure SQL
- D. Azure Cosmos DB

Correct Answer: D

Azure Cosmos DB is Microsoft's fast NoSQL database with open APIs for any scale. It offers turnkey global distribution across any number of Azure regions by transparently scaling and replicating your data wherever your users are. The service offers comprehensive 99.99% SLAs which covers the guarantees for throughput, consistency, availability and latency for the Azure Cosmos DB Database Accounts scoped to a single Azure region configured with any of the five Consistency Levels or Database Accounts spanning multiple Azure regions, configured with any of the four relaxed Consistency Levels. Azure Cosmos DB allows configuring multiple Azure regions as writable endpoints for a Database Account. In this configuration, Azure Cosmos DB offers 99.999% SLA for both read and write availability.

Reference: [https://azure.microsoft.com/en-us/support/legal/sla/cosmos-db/v1\\_3/](https://azure.microsoft.com/en-us/support/legal/sla/cosmos-db/v1_3/)

[Latest AZ-305 Dumps](#)

[AZ-305 VCE Dumps](#)

[AZ-305 Study Guide](#)