

➤ **Vendor: Microsoft**

➤ **Exam Code: AZ-900**

➤ **Exam Name: Microsoft Azure Fundamentals**

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#### **QUESTION 119**

A company wants to deploy an application to Azure. The application has the below requirements:

- Give the ability to install and provide access to the full .Net framework
- Allow administrative access to the operating system
- Provide a level of redundancy if an Azure region fails

You decide to deploy 2 Azure Virtual Machines in 2 separate regions. And then you create a Traffic Manager Profile. Does this solution meet the requirement?

- A. Yes
- B. No

**Answer: A**

**Explanation:**

Yes, this will meet all the requirements. Since you are using Azure Virtual Machines, IT administrators can get the required access. You can also then get the required access to the underlying software including the .Net framework. Using a Traffic Manager profile along with the failover routing policy can ensure the requirement for redundancy is fulfilled.

<https://docs.microsoft.com/en-us/azure/traffic-manager/traffic-manager-overview>

#### **QUESTION 120**

A team has an Azure CosmosDB account. A solution needs to be in place to generate an alert from Azure Log Analytics when a query request charge exceeds 40 units more than 10 times during a 10-minute window. Which of the following would you recommend? (Choose two)

- A. Create a search query to identify when the requestCharge\_s exceeds 40.
- B. Create a search query to identify when the requestCharge\_s exceeds 10.
- C. Create a search query to identify when the duration\_s exceeds 10.
- D. Configure a period of 10 and a frequency of 10.

**Answer: AD**

**Explanation:**

<https://docs.microsoft.com/en-us/azure/cosmos-db/logging>

#### **QUESTION 121**

Our team needs to deploy a Virtual machine that will host a SQL Server. The Virtual machine will have 2 data disks, one for the log file and the other for the data files. You need to recommend a caching policy for each disk. Which of the following would you recommend for the data disk containing the logs?

- A. None
- B. ReadOnly
- C. WriteOnly
- D. ReadWrite

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**Answer:** A

**Explanation:**

<https://docs.microsoft.com/en-us/azure/virtual-machines/windows/sql/virtual-machines-windows-sql-performance>

#### **QUESTION 122**

A company has setup an Azure subscription and an Azure tenant. You need to provide the development team to be able to start and stop Virtual Machines. The access needs to be granted on specific occasions only. You need to ensure the permission gets assigned and use the principle of least privilege. You also need to minimize costs.

Which of the following security feature would you use for the requirement?

- A. Conditional Access policy
- B. Azure Policies
- C. Just in time VM access
- D. Privileged Identity Management

**Answer:** D

**Explanation:**

With Privileged Identity Management, you can implement just in time privileges for Azure resources.

<https://docs.microsoft.com/en-us/azure/active-directory/privileged-identity-management/pim-configure>

#### **QUESTION 123**

A company has deployed several applications across Windows and Linux Virtual machines in Azure. Log Analytics are being used to send the required data for alerting purposes for the Virtual Machines.

You need to recommend which tables need to be queried for security related queries.

Which of the following would you query for events from Windows Event Logs?

- A. Azure Activity
- B. Azure Diagnostics
- C. Event
- D. Syslog

**Answer:** C

**Explanation:**

<https://docs.microsoft.com/en-us/azure/azure-monitor/platform/data-sources-windows-events>

#### **QUESTION 124**

A company has the following on-premise data stores

- A Microsoft SQL Server 2012 database
- A Microsoft SQL Server 2008 database
- The data needs to be migrated to Azure

Requirement 1 - The data in the Microsoft SQL Server 2012 database needs to be migrated to an Azure SQL database

Requirement 2 - The data in a table in the Microsoft SQL Server 2008 database needs to be migrated to an Azure

CosmosDB account that uses the SQL API

Which of the following should be used to accomplish Requirement2?

- A. AzCopy
- B. Azure CosmosDB Data Migration tool
- C. Data Management Gateway
- D. Data Migration Assistant

**Answer:** B

**Explanation:**

<https://docs.microsoft.com/en-us/azure/cosmos-db/import-data>

#### **QUESTION 125**

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A company is planning on deploying an Azure Web App to 2 regions.

One of the key requirements is to ensure that the web app is always running if an Azure region fails. You need to ensure deployment costs are minimized.

Which of the following service would you include in the deployment of the solution?

- A. Azure Functions
- B. Azure Traffic Manager
- C. Azure Application Gateway
- D. Azure Load Balancer

**Answer: B**

**Explanation:**

<https://docs.microsoft.com/en-us/azure/traffic-manager/traffic-manager-overview>

#### **QUESTION 126**

A company has deployed several applications across Windows and Linux Virtual machines in Azure. Log Analytics are being used to send the required data for alerting purposes for the Virtual Machines.

You need to recommend which tables need to be queried for security related queries.

Which of the following would you query for events from Linux system logging?

- A. Azure Activity
- B. Azure Diagnostics
- C. Event
- D. Syslog

**Answer: D**

**Explanation:**

<https://docs.microsoft.com/en-us/azure/azure-monitor/platform/data-sources-syslog>

#### **QUESTION 127**

A company is planning on deploying a stateless based application based on microservices using the Azure Service Fabric service.

You need to design the infrastructure that would be required in the Azure Service Fabric service.

Which of the following should you consider? (Choose two)

- A. The number of node types in the cluster
- B. The properties for each node type
- C. The network connectivity
- D. The service tier

**Answer: AB**

**Explanation:**

<https://docs.microsoft.com/en-us/azure/service-fabric/service-fabric-cluster-capacity>

#### **QUESTION 128**

Hotspot Question

Which cloud deployment solution is used for Azure virtual machines and Azure SQL databases? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

**Answer Area**

Azure virtual machines:

Infrastructure as a service (IaaS)  
 Platform as a service (PaaS)  
 Software as a service (SaaS)

Azure SQL databases:

Infrastructure as a service (IaaS)  
 Platform as a service (PaaS)  
 Software as a service (SaaS)

Answer:

**Answer Area**

Azure virtual machines:

Infrastructure as a service (IaaS)  
 Platform as a service (PaaS)  
 Software as a service (SaaS)

Azure SQL databases:

Infrastructure as a service (IaaS)  
 Platform as a service (PaaS)  
 Software as a service (SaaS)

**QUESTION 129**

Hotspot Question

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

**Answer Area**

Statements	Yes	No
To achieve a hybrid cloud model, a company must always migrate from a private cloud model.	<input type="radio"/>	<input type="radio"/>
A company can extend the capacity of its internal network by using the public cloud.	<input type="radio"/>	<input type="radio"/>
In a public cloud model, only guest users at your company can access the resources in the cloud.	<input type="radio"/>	<input type="radio"/>

Answer:

**Answer Area**

Statements	Yes	No
To achieve a hybrid cloud model, a company must always migrate from a private cloud model.	<input type="radio"/>	<input checked="" type="radio"/>
A company can extend the capacity of its internal network by using the public cloud.	<input checked="" type="radio"/>	<input type="radio"/>
In a public cloud model, only guest users at your company can access the resources in the cloud.	<input type="radio"/>	<input checked="" type="radio"/>