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Out of 79 people that took the test, you rank 3rd
Your score is 92.50%, while the average test score is 79.59%

Excellent!

CORRECT

Which Azure component provides information about planned maintenance and advisories such as deprecated offerings?

Azure Monitor

✓ **Azure Service Health**

Azure Security Center

Azure Advisor

Azure Service Health provides information about planned maintenance and advisories such as deprecated offerings. This is provided through Azure status at a global level and Service Health at the individual service level.

INCORRECT

A company is looking for an application deployment solution for a managed container orchestration service that includes the following requirements:

- Integration with an existing Azure virtual network (VNet)
- Security integration with Azure Active Directory (Azure AD)
- Support for deploying Docker container apps.
- Support for Azure Disk Premium tier storage.
- Coordinated application upgrades

You need to recommend a solution to meet these requirements.

Solution : **Recommend using Azure Kubernetes Service (AKS) to deploy the application.**

Does this solution meet the goal?

Yes

✗ No

This solution meets the goal. You should recommend using Azure Kubernetes (AKS) to deploy the application. AKS is a managed container orchestration service, based on the open-source Kubernetes system. AKS meets all the solution requirements. If you need shared storage between application instances, you should use Azure Files storage instance of Azure Disk storage

CORRECT

A company is migrating several Web apps from an on-premises private cloud deployment to Azure. The company wants to use Azure Active Directory (AD) for authentication and authorization.

You need to determine if Azure AD will meet your authentication requirements.

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

✓ **Azure AD supports authorization through the use of role-based access control (RBAC)**

✓ **Yes**

✓ **Web apps must be registered with Azure AD to support authentication and authorization services**

✓ **Yes**

✓ **Azure AD authentication and authorization support requires integration with an on-premises AD**

✓ **No**

(1) Azure AD authentication and authorization support does not require integration with an on-premises AD. Integration is supported and might be applicable in a hybrid environment supporting both Azure and on-premises resources. When it is used with on-premises Active Directory Federation Services (AD FS), Azure AD hands-off authentication to an AD FS server. (2) Web apps must be registered with Azure AD to support authentication and authorization services. Registration is through Azure Management Portal. (3) Azure AD supports authorization through use of RBAC. RBAC is necessary to setup access permissions when using Azure AD for authentication and authentication.

CORRECT

Azure Monitor begins collecting data as soon as you launch Azure Management Portal.

Review the underlined text. If it makes the statement correct, select "No change is needed". If the statement is incorrect, select the answer choice that makes the statement correct.

after you enable diagnostics

✓ **as soon as you add a resource to an Azure subscription**

only after you create the metrics and logs data stores

No change is needed

Azure Monitor begins collecting data as soon as you add a resource to a new Azure subscription. Azure Monitor is enabled automatically, which includes metrics (numeric values) and logs organized into records.

CORRECT

Which two examples best describe multi-factor authentication (MFA)? Each correct answer presents a complete solution.

You specify an email address and password to access online banking.

- ✓ ***You insert your debit card into an ATM and then enter your personal identification number (PIN) to access your account.***
- ✓ ***You receive a text message with a code after you enter a user username and password on a movie streaming site***

You draw a pattern on your phone to unlock it so that you can call your manager

Receiving a text message with a code after you enter a username and password on a movie streaming site is an example of MFA. Inserting your debit card into an ATM and then entering your PIN to access your account is also a good example of MFA. This scenario uses two layers of security. The ATM card is something you possess, and the PIN is something you know. Drawing a pattern on your phone to unlock it so that you can call your manager is not a good example of MFA. This represents one layer of authentication, which is something you know : the pattern. Specifying an email address and password to access online banking is not an example of MFA. This represents one layer of authentication, which is something you know : the email address and password.

CORRECT

Which Azure database product supports key-value and document data models and provides native support for NoSQL?

Azure SQL Data Warehouse

Azure SQL Database

- ✓ ***Azure Cosmos DB***

SQL Server on Virtual Machines (VMs)

Azure Cosmos DB supports key-value and document data models and provides native support for Not Only SQL (NoSQL).

INCORRECT

You need to filter traffic between two subnets in an Azure deployment. **Filtering should be based on:**

- Source IP address and port number
- Destination IP address and port number
- TCP/IP protocol in use

Solution: **You deploy and configure a Network Security Group (NSG) as the traffic filter.**

Does this solution meet the goal?

✗ No

Yes

Azure NSG meets the scenario requirements to provide filtering between Azure subnets. Security filters are defined through network security rules. An NSG can be associated and dissociated with a subnet or with a particular network adapter to manage a particular virtual machine (VM), providing granular control over traffic filtering. If an NSG is defined at both the subnet and adapter level, an allow rule is required at both the subnet and adapter to enable traffic to pass.

CORRECT

A company subscribes to Azure as a platform for developing and deploying Web apps. The company wants to keep initial expenses to a minimum before public release of the apps.

You need to determine the features available to the company with Azure Active Directory (AD) Free edition.

Which two features are supported by Azure (AD) Free edition. Each correct answer presents part of the solution.

✓ ***Self-service password change for cloud users***

Group-based access management

Company branding

✓ ***User and group management***

Service level agreement (SLA) guarantee

Azure AD Free edition supports user and group management and self-service password change for cloud users. Free edition provides for up to 500,000 directory objects and supports basic security and usage reports for Azure AD. It includes single -sign-on (SSO) support for up to 10 apps per user.

Features supported by Azure AD Free edition are also supported by other Azure AD editions. Azure Free edition is free with any Azure subscription. Group-based access management, company branding, and SLA all require at least Azure AD Basic

CORRECT

You need to give all users in a group the ability to create and manage all types of Azure resources in a subscription. Rights granted to the users should be kept to a minimum.

Which built-in role-based access control (RBAC) role should you assign to the group?

Owner

Reader

User Access Administrator

✔ Contributor

You should assign the Contributor role. This role meets the scenario requirements but keeps additional permissions allowed to a minimum. The Contributor role does not include the ability to grant access to others.

CORRECT

You are planning to create a cloud solution in Azure.

You need to choose the appropriate networking resources to deploy for certain scenarios.

Which resources should you deploy? To answer, select the right Scenario and Resource combination.

✔ You want to allow inbound traffic to an Azure virtual machine (VM) from only specific IP addresses

✔ Network Security Group (NSG)

✔ You want to create a rule that restricts network traffic across subscriptions

✔ Azure Firewall

✔ You want to prevent a flood of HTTP traffic to a VM that hosts Internet Information Services (IIS)

✔ Distributed Denial-of-Service (DDoS) Protection

You should use an NSG to allow inbound traffic to an Azure VM from only specific IP addresses. An NSG allows or denies inbound traffic to an Azure resource. For example, you associate an NSG with a subnet, which is part of a virtual Network (Vnet). A VM can be attached to a VNet. The NSG can allow or deny traffic to that VM. You should use DDoS Protection to prevent a flood of HTTP traffic to a VM that hosts IIS. DDoS Protection helps prevent volumetric attacks, protocol attacks, and application layer attacks. You should use Azure Firewall when you want to create a rule that restricts

network traffic across subscriptions. It has built-in high availability. Rules are enforced and logged across subscriptions, which reduces management overhead. An NSG does not allow you to create a policy that restricts network traffic across subscriptions. An NSG can only protect resources in a single subscription

CORRECT

A company is looking for an application deployment solution for a managed container orchestration service that includes the following requirements:

- Integration with an existing Azure virtual network (VNet)
- Security integration with Azure Active Directory (Azure AD)
- Support for deploying Docker container apps.
- Support for Azure Disk Premium tier storage.
- Coordinated application upgrades

You need to recommend a solution to meet these requirements.

Solution : Recommend using Azure Container Instances (ACI) to deploy the application.

Does this solution meet the goal?

Yes

✓ **No**

The solution does not meet the goal. You should not recommend using ACI to deploy the application. ACI is designed for simple application solutions based on isolated containers and does not provide orchestration support, such as coordinated application upgrades. ACI does not support Azure disk as a storage option and is limited to Azure file storage. (2) You should recommend using Azure Kubernetes (AKS) to deploy the application. AKS is a managed container orchestration service, based on the open-source Kubernetes system. AKS meets all the solution requirements.

CORRECT

Your Azure tenant includes an Azure Virtual Network (VNet) with several internet-facing web servers. The web servers experience attacks that exhaust server resources and make the servers unavailable to legitimate users. You determine that the attacks are being launched from multiple locations.

You need to implement an Azure solution that:

- Detects and automatically tries to mitigate attacks.
- Generates alerts when an active attack is underway.

What is the BEST option to implement your solution?

✓ **Azure DDoS Protection Standard**

Azure Firewall

Azure Application Security Groups (ASG)

Azure Information Protection (AIP)

You should implement Azure DDoS Protection Standard. The type of attack described is a distributed denial of service (DDoS) attack.

CORRECT

A company deploys multiple instances of a web application across three Availability Zones. The company then configures an Azure networking product to evenly distribute service requests across the instances based on three different URLs.

Which networking product does this describe?

Content Delivery Network (CDN)

✓ **Application Gateway**

Web Application Firewall (WAF)

Load Balancer

This describes the Azure Application Gateway, which is a web load balancer that supports traffic balancing across multiple Application Zones. It acts as an Open System Interconnection level 7 load balancer and lets you route traffic to a server pool based on the incoming URL. Application Gateway can scale automatically based on changing demands.

CORRECT

A company has a single instance Azure virtual machine (VM) deployed in the North Central US region. You need to improve the Service Level Agreement (SLA) to guarantee 99.99%. You want to minimize the costs associated with the solution.

What should you do?

Install two additional instances in the same Availability Set

✓ **Install an additional instance in a different Availability Zone in the same region.**

Install two additional instances in different Availability Zones in the same region

Install an additional instance in the same Availability Set

Install an additional instance in the South Central US region

You should install an additional instance in a different Availability Zone in the same region. An SLQ of 99.99% requires two or more VM instances in different Availability Zones in the same region. If availability falls below 99.99%, the subscriber receives a 10% credit. If it falls below 99%, the subscriber receives a 25% credit. Anything below 95% results in a 100% a credit.

CORRECT

You manage an Azure subscription for your company. At a meeting, someone asks you about the Azure pricing calculator.

You need to explain the Azure pricing calculator.

How should you explain the Azure pricing calculator?

It allows you to determine the annual costs associated with moving a physical infrastructure to the cloud

✓ ***It allows you to estimate the monthly costs associated with using specific Azure resources***

It allows you to determine which resources are costing your Azure subscription the most money

It provides a real-time, up-to-the-minute view of what your Azure resources cost.

The Azure pricing calculator allows you to estimate the monthly costs associated with using specific Azure resources.

CORRECT

Your Azure deployment is configured with a virtual network (VNet) consisting of multiple subnet. All outgoing traffic from Azure to your on-premises network should be routed through a specific Azure Firewall. The Firewall is pre-configured on your network.

You need to configure network traffic controls to meet this requirement.

Solution : Create a Network Security Group (NSG), configure filter parameters, and apply the NSG to each subnet in the virtual network (VNet)

Does this solution meet the goal?

✓ ***No***

Yes

This solution does not meet. You should not create an NSG, configure filter parameters and apply the NSG to each subnet in the virtual network. AN NSG lets you filter connections based on the parameters you specify, but it does not let you configure routing information. You should configure user-defined (UDRs) as a custom routing table to apply the custom routing table to each subnet. The routes in the custom routing table will override the pre-configured system routes.

CORRECT

You need to understand Azure monitoring options.

Which monitoring feature should you use for each scenario? To answer, drag the appropriate feature to each scenario.

✓ <i>You want to receive an email whenever the number of requests to a web app exceed 10 000 within an hour</i>	✓ <i>Alerts</i>
✓ <i>You want to view the number of virtual machines (VMs) that are currently down</i>	✓ <i>Resource Health</i>
✓ <i>You want to allow developers to send telemetry data to Azure</i>	✓ <i>Application Insights</i>

You should use Application Insights to allow developers to send telemetry data to Azure. You should use Alerts to receive an email whenever the number of requests to a web app exceeds 10,000 within an hour. You should use Resource Health to view the number of VMs that are currently down

CORRECT

A company needs to configure a hybrid cloud between Azure China and an on-premises site that is physically located outside of China.

You need to recommend a connectivity option that is allowed by telecommunication policies in China. You should minimize the effort to implement and maintain the solution.

Solution : Recommend setting a point-to-site (P2S) virtual private network (VPN) to connect an Azure site in China to your on-premises location.

Do this solution meet the goal?

- ☐ Yes
- ✓ **No**

This solution does not meet the goal. You should not recommend setting up a P2S VPN to connect an Azure site in China to your on-premises location. A P2S connection is a connection between a site and a single host computer, and this is not used for configuring a hybrid cloud.

CORRECT

You need to use Azure Cloud Shell to manage Linux virtual machines (VMs) that are already deployed and in use.

For each of the following management tools, select Yes if you can use the tool to manage Linux VMs in Cloud Shell. Otherwise, select no.

✓ Azure PowerShell	✓ Yes
✓ Azure Portal	✓ Yes
✓ Azure Command-line interface (CLI)	✓ Yes
✓ Git Bash	✓ No

Yes, the Azure Cloud supports the use of Azure CLI, Azure PowerShell and Azure Portal to manage Linux, Windows, and Mac OS VMs. Azure Cloud Shell also supports common programming languages. Azure Cloud Shell lets you open an authenticated, browser-based management shell from virtually anywhere.

CORRECT

You are researching the governance methodologies in Azure. You want to understand role-based access security (RBAC), policies, initiatives, and locks.

You need to choose the type of resource or feature to use for different scenarios.

When should you use each resource or feature? To answer, drag the appropriate resource or feature to each scenario.

✓ You want to ensure that only members of the Sales group can access virtual machines (VMs) in the sales-rg resource group	✓ RBAC
✓ You want to ensure that only SQL Database instances can be added to a resource group named database-rg	✓ Policy
✓ You want to prevent new resources from being added to a resource group by anyone	✓ Lock

You should use a policy when you want to ensure that only SQL Database instances can be added to a resource group named database-rg. You should use RBAC to ensure that only members of the Sales group can access VMs in the sales-rg resource group. RBAC assigns permissions that apply to users and groups. You should use a lock when you want to prevent new resources from being added to a resource group by anyone

CORRECT

Your company is considering using Linux-based Azure Container Instances (ACIs) to deploy a simple application. This application runs as a stateful application.

You need to provide storage and retrieve and persist state.

What type of storage should you use?

Azure Archive

Azure Disk

✓ **Azure Files**

Azure Blob

You should Azure Files. This is the only storage option that supports persistent storage for ACI. You would need to create the share and then create a container specifying the share and volume mount point.

CORRECT

Which Azure service can auto scale to add or remove resources as appropriate to minimize costs and ensure optimum performance levels?

Azure Security Center

Azure Advisor

✓ **Azure Monitor**

Azure Service Health

Azure Monitor can use auto scale to add or remove resources as appropriate to minimize costs and ensure performance. You can create rules based on metrics collected by Azure Monitor to match resources to an application load.

CORRECT

What is the maximum length of time you can use an Azure free subscription before it expires?

✓ **30 days**

6 months

24 months

12 months

A free Azure subscription is good for 30 days before you have to upgrade.

CORRECT

Which statement best describes the Azure Knowledge Center?

It is a website that lists a collection of templates for every resource type that you can deploy in Azure.

It is a resource that you can deploy to allow developers to integrate support in their applications.

✓ *It provides answers to frequently asked questions (FAQs) regarding the Azure cloud*

It publishes a representational state transfer (REST) application program interface (API) that allows third-party tools to retrieve a user-friendly definition of each resource type in Azure

CORRECT

Your company wants to know which cloud deployment model would work best for them.

You need to choose the appropriate model for each scenario.

Which model should you use? To answer, match the appropriate model for each scenario.

✓ <i>Your company does not have IT experts or the money to purchase its own servers</i>	✓ <i>Public</i>
✓ <i>Your company wants to control the methods used to have a high level of security for its resources</i>	✓ <i>Private</i>
✓ <i>Your company wants to create a virtual network with 10 virtual machines (VMs) and no capital expenditure (CapEx) costs.</i>	✓ <i>Public</i>

You should use the public model when your company wants to create a virtual network with 10 VMs and no CapEx costs. You should use the private model when your company wants to control the methods used to have a high level of security for its resources. You should use the public model when your company does not have IT exports or the money to purchase its own servers.

CORRECT

What is the minimum configuration necessary to provide service level agreement (SLA) guarantees for a virtual machine (VM) instance?

Single VM instance with standard storage

Two or more instances in across two or more Availability Zones in the same Azure region

✓ *Single VM instance with premium storage*

Two or more instances in the same Availability Set

The minimum configuration needed is a VM instance with premium storage. At current SLA specifications, this provides for a 99% availability. This requires premium storage and is not supported for standard storage.

CORRECT

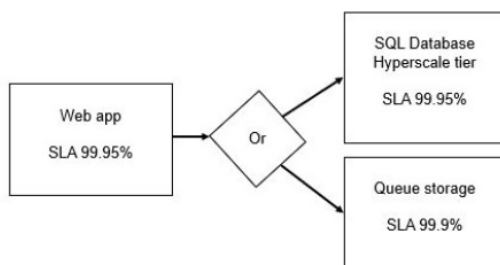
A company deploys an app in Azure as shown in the Original design section of the exhibit. The company plans to modify the app as shown in the Proposed change section of the exhibit.

You need to determine the impact this will have on the app's composite Service Level Agreement (SLA).

How does the change affect the composite SQL for the app?



Original design



Proposed change

The availability percentage will decrease

The new availability percentage cannot be accurately calculated

✓ ***The availability percentage will increase***

The availability percentage will stay the same.

The availability percentage will increase. Providing independent fallback paths improves the composite SLA. It is very highly unlikely that both the SQL Database and the Queue storage would fail.

INCORRECT

A zone is a geographical grouping of **Azure regions used to determine billing based on hours of activity.**

Review the underlined text. If it makes the statement correct, select "No change", If the statement is incorrect, select the answer choice that makes the statement correct.

No change

data transfers

✗ *resource deployment*

peak usage periods

A zone is a geographical grouping of Azure regions used to determine billing based on data transfers. Billing applies to both incoming and outgoing data and varies by zone.

CORRECT

Which statement best describes Azure Information Protection (AIP)?

✓ ***AIP classifies documents and emails by applying labels to them***

AIP encrypts virtual machines (VMs)

AIP sends you a text message each time you log on to Azure

AIP requires all readers of Office documents to have accounts in Azure Active Directory (AD).

Azure Information Protection (AIP) classifies documents and emails by applying labels to them. This allows client applications and users to protect documents based on their content. It uses encryption, identity, and authorization policies to protect the documents.

CORRECT

For each scenario described, select the most appropriate Azure governance methodology.

To answer, select the appropriate methodology for each scenario,

✓ ***You need to use information from Azure Security Center to develop best practices recommendations for optimization***

✓ ***Azure Advisor***

✓ ***You need to define a set of policies to help ensure compliance for resources contained in a resource group.***

✓ ***Initiative***

✓ ***You need to prevent any users from deleting resources from a resource group with contents spanning multiple subscriptions***

✓ ***Azure Locks***

You should use Azure Locks to prevent any users from deleting resources from a resource group with contents spanning multiple subscriptions. You should use Azure Advisor to use information

from Azure Security Center to develop best practices recommendations for optimization. Azure Advisor provides consolidated view of recommendations for all Azure resources to help improve cost effectiveness, performance, high availability, and security of Azure resources. You should use an Initiative to define a set of policies to help ensure compliance for resources contained in a resource group. An Azure Initiative is a collection of Azure policies targeted toward reaching a single overall goal.

CORRECT

Your Azure deployment is configured with a virtual network (VNet) consisting of multiple subnet. All outgoing traffic from Azure to your on-premises network should be routed through a specific Azure Firewall. The Firewall is pre-configured on your network.

You need to configure network traffic controls to meet this requirement.

Solution : Configure user-defined routes (UDRs) as a custom routing table and apply the custom routing table to each subnet in the virtual network (VNet).

Does this solution meet the goal?

No

✔ Yes

The solution meets the goal. You should configure UDRs as a custom routing table and apply the custom routing table to each subnet. The routes in the custom routing table will override the pre-configured system routes.

CORRECT

Match each description with the appropriate Azure product.

To answer, select the appropriate products from the from-down list for each description.

✔ A solution for building event-driven architectures that subscribe to Azure resource and route events to different endpoints	✔ Event Grid
✔ A solution for building highly reliable and secure serverless app that support multiple programming languages	✔ Azure Function
✔ A solution for building scalable solutions for an integration, data integration, system integration, enterprise application integration (EAI), and business-to-business (B2B) communication	✔ Logic Apps

Azure Event Grid provides a solution for building event-driven architectures that subscribe to Azure resources and route events to different endpoints. Azure Functions provides a solution for building highly reliable and secure serverless apps that support multiple programming languages. Logic Apps is a solution for building scalable solutions for app integration, data integration, system integration, enterprise application integration (EAI), an business-to-business (B2B) communication.

CORRECT

Which statement describes a feature for prospective customers that is unique to Azure China?

✓ ***Its data centers are completely disconnected from another Azure data centers***

It adheres to the National Institute of Standards Technology (NIST)

It offers Infrastructure-as-a-Service (IaaS) solution to its customers

It uses International Standards Organization (ISO) to enforce security and privacy

A unique feature of Azure China is that its datacenters are completely disconnected from other Azure datacenters.

CORRECT

A private cloud requires the use of custom developed software.

Review the underlined text. If it makes the statement correct, select "No change is needed". If the statement is incorrect, select the answer choice that makes the statement correct.

each tenant to access applications and data through a different URL

No change is needed

✓ ***the infrastructure to be on a private network***

data to be stored in an on-premises data center

A private cloud's services and infrastructure are maintained on a private network.

CORRECT

You deploy a web app and a Cosmos DB instance to Azure. The web app stores and retrieves data from the Cosmos DB instance. The service level agreement (SLA) for the web app is 99.95 percent, while that of the Cosmos DB instance is 99.99 percent.

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

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✓ **The combined SLA is lower than each of the individual SLA**

✓ **Yes**

✓ **The combined probability of failure is lower than each individual SQL value**

✓ **No**

✓ **You can increase the composite SLA by having a web app access a fallback queue**

✓ **Yes**

The combined SLA is lower than each individual SLA. To calculate the combined SLA, you multiply each individual SLA, $99.95 \times 99.99 = 99.94$. This means that the combined SLA is 99.94 percent. The is because an application that relies on multiple services has multiple points of failure. You can increase the composite SLA by having the web app access a fallback queue. If the Cosmos DB instance is now available for storing data, the web app can add messages to a queue. When the Cosmos DB instance comes back online, the web app can retrieve messages from the queue and store data in the Cosmos DB instance. The combined probability of failure is not lower than each individual SLA value. Instead, it is higher. This is because an application that relies on multiple services has multiple points of failure.

CORRECT

Your Azure tenant includes several internet-facing web servers. The web servers rely on data stored on Azure SQL Database servers. The web servers are located in different virtual network (VNet) subnets. The database servers have their endpoint exposed to the subnets.

You need to implement detailed controls over the types of connections supported between the web servers and database servers. You want to minimize the effort necessary to implement and maintain your solution.

Which two technologies should you include in your solution? Each correct answer presents part of the solution.

User Defined Routes (UDRs)

✓ **Network Security Groups (NSGs)**

Azure Traffic Manager

✓ **Application Security Groups (ASGs)**

Azure Firewall

You should include NSGs and ASGs in your solution. ASGs let you group virtual machines (VMs) and define network security policies based on these groups. NSGs are specialized packet filtering firewalls that let you define security rules to control traffic into and out of the VNet and between subnets. You have the option of applying NSGs to ASGs to limit their filtering to servers in those ASGs. You would create the necessary ASG first, then create your NSG, apply them to the ASGs

CORRECT

You are planning to deploy resources to Azure. Your manager wants to know more about Azure's service level agreements (SLAs) and the annual expected downtime for resources.

You need to provide the estimated expected downtime for each SLA.

What is the estimated expected annual downtime for each SLA? To answer, drag the appropriate estimated expected downtime to each scenario.

✓ (SLA%) 99	✓ <i>Four days</i>
✓ (SLA%) 99.99	✓ <i>One hour</i>
✓ (SLA%) 99.95	✓ <i>Four hours</i>

To calculate the annual expected downtime for an SLA, you simply multiply the SLA% by 365, which is the number of days in a year. For an SLA of 99.99% you multiply .9999 times, which yields 364.96 days. This means that the expected downtime is 0.04 day, or approximately one hour (0.04 times 24 hours equals 0.96 hours)

CORRECT

A company investigates moving on-premises data centers in multiple locations to the cloud. The data is mission critical, and all offices need access to data resources at all times. Changes to resource requirements are projected to be incremental and relatively easy to predict.

You need to ensure that the new cloud infrastructure will meet the company's data access requirements.

Which two cloud features help ensure this?

- Agility
- ✓ *Fault tolerance*
- ✓ *High availability*
- Disaster recovery
- Elasticity

Two features critical to meeting the data access requirement are high availability and fault tolerance. High availability refers to having the data available as needed. A key feature of this capability is fault tolerance to provide problem avoidance and automatic failover to provide continued operations. Another issue is the use of fault domains, which is the use of duplicate resources deployed in different geographic locations.

CORRECT

Your company is considering using Linux-based Azure Container Instances (ACIs) to deploy a simple application. This application runs as a stateful application.

You need to provide storage and retrieve and persist state.

What type of storage should you use?

Azure Archive

Azure Disk

✓ **Azure Files**

Azure Blob

You should Azure Files. This is the only storage option that supports persistent storage for ACI. You would need to create the share and then create a container specifying the share and volume mount point.

CORRECT

What is the purpose of the Load Balancer resource?

It delivers internet traffic to the data center that is geographically closest to the user.

It uses URL-based routing to route web traffic across multiple instances

It adds or removes virtual machine (VMs) instances as demand increases

✓ **It distributes virtual machine (VM) traffic evenly across multiple instances**

Load Balancer distributes VM traffic evenly across multiple machines. Each VM in a pool has its own IP address. Load Balancer also has an IP address to which client applications connect. It then forwards traffic to a VM in the pool.

