

AZ-301 Dumps

Microsoft Azure Architect Design

<https://www.certleader.com/AZ-301-dumps.html>



NEW QUESTION 1

You need to recommend a solution to meet the database retention requirement. What should you recommend?

- A. Configure a long-term retention policy for the database.
- B. Configure Azure Site Recovery.
- C. Configure geo replication of the database.
- D. Use automatic Azure SQL Database backups.

Answer: A

NEW QUESTION 2

You need to recommend a data storage strategy for WebApp1. What should you include in the recommendation?

- A. an Azure SQL Database elastic pool
- B. a vCore-based Azure SQL database
- C. an Azure virtual machine that runs SQL Server
- D. a fixed-size DTU AzureSQL database.

Answer: D

NEW QUESTION 3

To meet the authentication requirements of Fabrikam, what should you include in the solution? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Minimum number of Azure AD tenants: 0

Minimum number of custom domains to add: 0

Minimum number of conditional access policies to create: 0

Answer:

Explanation:

Minimum number of Azure AD tenants: 1

Minimum number of custom domains to add: 1

Minimum number of conditional access policies to create: 1

NEW QUESTION 4

You need to recommend a notification solution for the IT Support distribution group. What should you include in the recommendation?

- A. Azure Network Watcher
- B. an action group
- C. a SendGrid account with advanced reporting
- D. Azure AD Connect Health

Answer: D

Explanation: References:

<https://docs.microsoft.com/en-us/azure/active-directory/hybrid/how-to-connect-health-operations>

NEW QUESTION 5

You need to recommend a strategy for the web tier of WebApp1. The solution must minimize What should

you recommend?

- A. Create a runbook that resizes virtual machines automatically to a smaller size outside of business hours.
- B. Configure the Scale Up settings for a web app.
- C. Deploy a virtual machine scale set that scales out on a 75 percent CPU threshold.
- D. Configure the Scale Out settings for a web app.

Answer: D

NEW QUESTION 6

You have an Azure subscription for used for testing and development purposes only. The subscription contains Azure virtual machines that unmanaged, standard hard disk drives (HDD).

You need to recommend a recovery strategy for the virtual machines if an Azure region fails for a sustained period. The recovery time objective WTO) can be up to seven days. The solution must minimize costs.

What should you include in the recommendation?

- A. Store the disks in a Standard_LRS storage account
- B. Configure Azure site Recover
- C. IF a failure occurs, initiate a manual failure over.
- D. Store the disks in a Standard_GRS storage account
- E. Configure Azure Recover
- F. If a failure occurs, initiate a manual failover.
- G. Store the disks in a Standrs_LRS storage account
- H. If a disaster occurs, manually create the virtual machines by used Azure Rsources Mnaager templates.
- I. Store the disks in a Standard_GRS storage account
- J. If a disaster occurs, manually create the virtual machines by Azure Resource Manager templates.

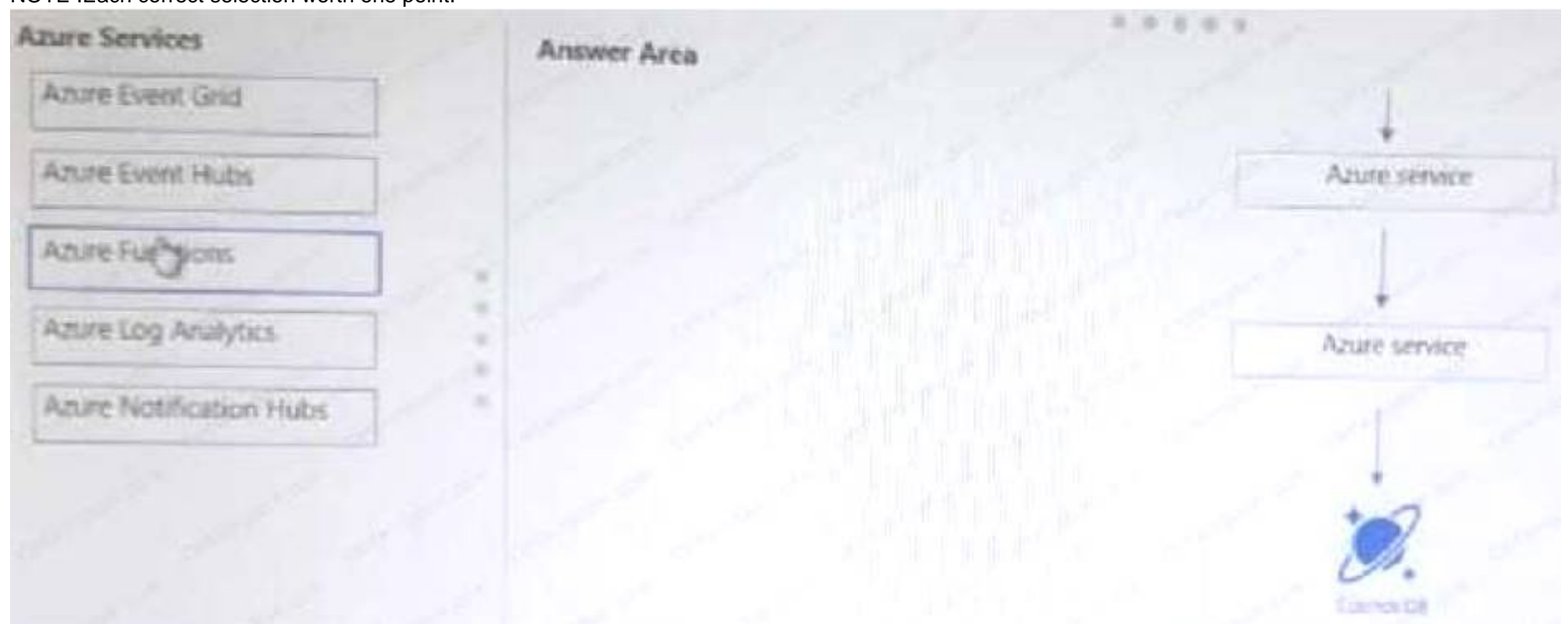
Answer: B

NEW QUESTION 7

You need to design an architecture to capture the creation of users and the assignment of roles. The captured data must be stored in Azure Cosmos DB.

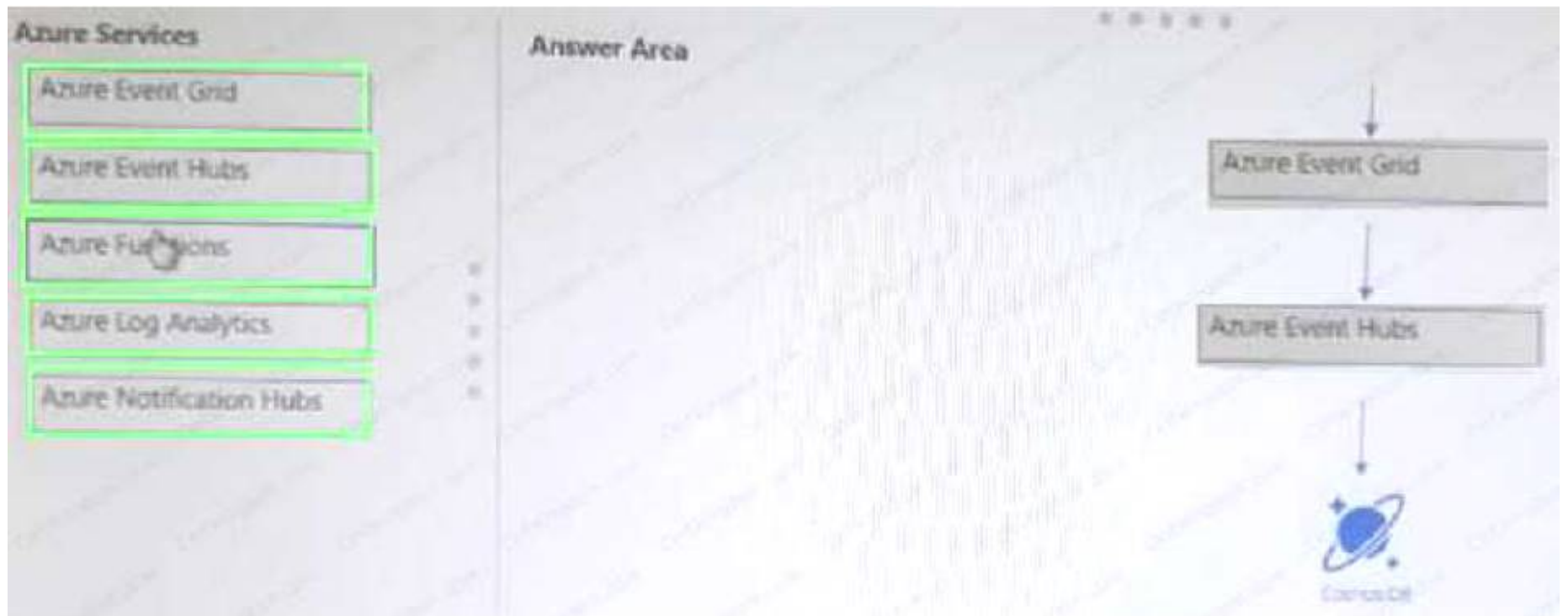
Which Azure services should you include in the design? To answer, drag the appropriate services to the correct targets. Each service may be used once. more than once, or not at all. You need to drag the split bar between panes or scroll to view content.

NOTE .Each correct selection worth one point.



Answer:

Explanation:



NEW QUESTION 8

You are designing an Azure solution for a company that wants to move a .NET Core web application an on-premises data center to Azure. The web application relies on a Microsoft SQL Server 2016 database on Windows Server 2016. The database server will not move to Azure.

A separate networking team is responsible for configuring network permissions.

The company uses Azure ExpressRoute and has an ExpressRoute gateway connected to an Azure virtual network named VNET1.

You need to recommend a solution for deploying the web application.

Solution: Solution: Deploy the web application by using an Azure Kubernetes Service (AKS) container on VNET1

Does this meet the goal?

- A. Yes
- B. No

Answer: B

NEW QUESTION 9

You store web access logs data in Azure Blob storage. You plan to generate monthly reports from the access logs.

You need to recommend an automated process to upload the data to Azure SQL Database every month. What should you include in the recommendation?

- A. Microsoft SQL Server Migration Assistant (SSMA)
- B. Azure Data Factory
- C. Data Migration Assistant
- D. AzCopy

Answer: C

NEW QUESTION 10

You are designing a virtual machine that will run Microsoft SQL Server and will contain two data disks. The first data disk will store log files, and the second data disk will store data. Both disks are P40 managed disks.

You need to recommend a caching policy for each disk. The policy must provide the best overall performance for the virtual machine.

Which caching policy should you recommend for each disk? To answer, drag the appropriate policies to the correct disks. Each policy 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.

Policies		Answer Area
None	<div>⏪</div> <div>⏩</div>	Log: <div>Policy</div>
ReadOnly		Data: <div>Policy</div>
ReadWrite		

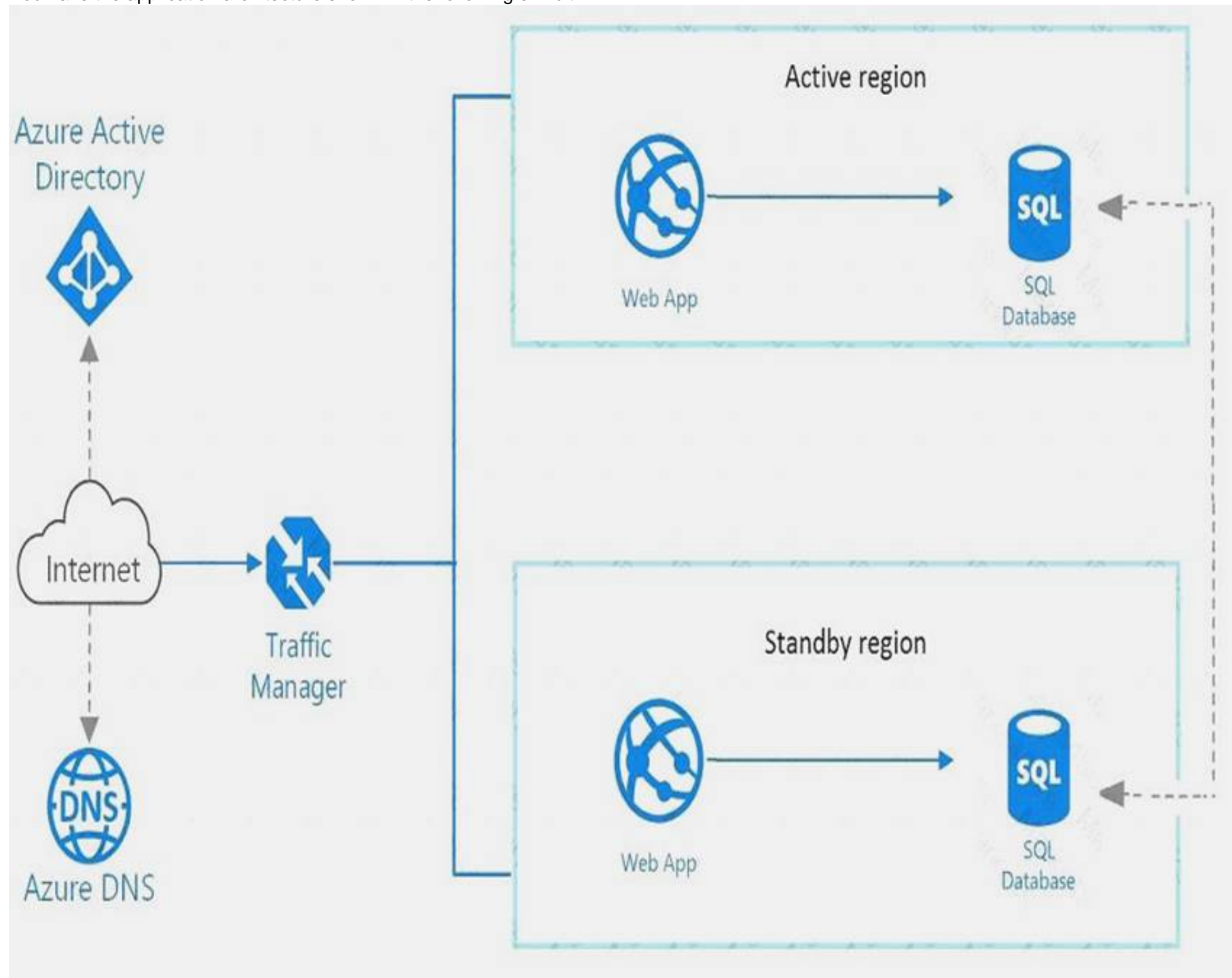
Answer:

Explanation: References:

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

NEW QUESTION 10

You have the application architecture shown in the following exhibit.



Use the drop-down menus to select choice that completes each statement based on the information presented in the graphic.

NOTE: Each correct selection is worth one point.

To change the front end to an active/active architecture in which both regions process incoming connections, you must **[answer choice]**.

- add a load balancer to each region
- add an Azure Application Gateway to each region
- add an Azure content delivery network (CDN)
- modify the Traffic Manager routing method

To control the threshold for failing over the front end to the standby region, you must configure the **[answer choice]**.

- an Application Insights availability test
- Azure SQL Database failover groups
- Connection Monitor in Azure Network Watcher
- Endpoint monitor settings in Traffic Manager

Answer:

Explanation: References:

<https://docs.microsoft.com/en-us/azure/traffic-manager/traffic-manager-routing-methods> <https://docs.microsoft.com/en-us/azure/traffic-manager/traffic-manager-monitoring>

NEW QUESTION 15

Note: This question is part of series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have an Azure subscription that contains a resource group named RG1.

You create an Azure Active Directory (Azure AD) group named ResearchUsers that contains the user accounts of all researchers.

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

The researchers must be allowed to create Azure virtual machines.

The researchers must only be able to create Azure virtual machines by using specific Azure Resource Manager templates.

Solution: Create an Azure DevOps Project. Configure the DevOps Project settings. Does this meet the goal?

- A. Yes
- B. No

Answer: B

NEW QUESTION 16

Your company has 300 virtual machines hosted in a VMWare environment. The virtual machines vary in size and have various utilization levels.

You plan to move all the virtual machines to Azure.

You need to recommend how many and what size Azure virtual machines will be required to move the current workloads to Azure. The solution must minimize administrative effort.

What should you use to make the recommendation?

- A. Azure Cost Management
- B. Azure Migrate
- C. Azure pricing calculator
- D. Azure Advisor recommendations

Answer: A

NEW QUESTION 20

You need to deploy resources to host a stateless web app in an Azure subscription. The solution must meet the following requirements:

- Provide access to the full .NET framework.
- Provide redundancy if an Azure region fails.
- Grant administrators access to the operating system to install custom application dependencies. Solution: You deploy a virtual machine scale set that uses autoscaling.

Does this meet the goal?

- A. Yes
- B. No

Answer: B

NEW QUESTION 24

Your company has two on-premises sites in New York and Los Angeles and Azure virtual networks in the East US Azure region and the West US Azure region.

Each on-premises site has Azure ExpressRoute circuits to both regions.

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

Outbound traffic to the Internet from workloads hosted on the virtual networks must be routed through the closest available on-premises site.

If an on-premises site fails, traffic from the workloads on the virtual networks to the Internet must reroute automatically to the other site.

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.

Routing from the virtual networks to the on-premises locations must be configured by using:

	▼
Azure default routes	
Border Gateway Protocol (BGP)	
User-defined routes	

The automatic routing configuration following a failover must be handled by using:

	▼
Border Gateway Protocol (BGP)	
Hot Standby Routing Protocol (HSRP)	
Virtual Router Redundancy Protocol (VRRP)	

Answer:

Explanation:

Routing from the virtual networks to the on-premises locations must be configured by using:

▼

Azure default routes

Border Gateway Protocol (BGP)

User-defined routes

The automatic routing configuration following a failover must be handled by using:

▼

Border Gateway Protocol (BGP)

Hot Standby Routing Protocol (HSRP)

Virtual Router Redundancy Protocol (VRRP)

NEW QUESTION 25

You have an Azure subscription. The subscription contains Azure virtual machines that run Windows Server 2016 and Linux.

You need to use Azure Log Analytics design an alerting strategy for security-related events.

Which Log Analytics tables should you query? To answer, drag the appropriate tables to the correct log types. Each value 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.

Tables	Answer Area
AzureActivity	Events from Windows event logs: <div>Table</div>
AzureDiagnostics	Events from Linux system logging: <div>Table</div>
Event	
Syslog	

Answer:

Explanation:

Tables	Answer Area
AzureActivity	Events from Windows event logs: <div>Event</div>
AzureDiagnostics	Events from Linux system logging: <div>Syslog</div>
Event	
Syslog	

NEW QUESTION 30

You are designing a network connectivity strategy for a new Azure subscription. You identify the following requirements

* The Azure virtual machines on a subnet named Subnet must be accessible only from me computers in your London office.

* Engineers -equ.re access to the Azure virtual machines on a subnet named Subnets over the Internet on a specific TCP/IP management port.

* The Azure virtual machines in the West Europe Azure region must be able to communkate on all ports to the Azure virtual machine in the North Europe Azure region.

You need to recommend which components must be used to meet me requirement

What should you include m the recommendation? To answer, drag me appropriate components .a the correct requirement. Each component may be used once, more than once.

not at all You may need to drag the split bar between panes or scroll to view content NOTE: Each correct selection is worm one point

Components	Answer Area	Component
An Azure ExpressRoute connection	The Azure virtual machines on Subnet1 must be accessible only from the computers in the London office:	Component
A network security group (NSG)	Engineers require access to the Azure virtual machines on Subnet2 over the Internet on a specific TCP/IP management port:	Component
A new virtual network	The Azure virtual machines in the West Europe region must be able to communicate on all ports to the Azure virtual machines in the North Europe region:	Component
A site-to-site VPN		
Virtual network peering		

Answer:

Explanation:

Components	Answer Area	Component
An Azure ExpressRoute connection	The Azure virtual machines on Subnet1 must be accessible only from the computers in the London office:	A site-to-site VPN
A network security group (NSG)	Engineers require access to the Azure virtual machines on Subnet2 over the Internet on a specific TCP/IP management port:	A network security group (NSG)
A new virtual network	The Azure virtual machines in the West Europe region must be able to communicate on all ports to the Azure virtual machines in the North Europe region:	An Azure ExpressRoute connection
A site-to-site VPN		
Virtual network peering		

NEW QUESTION 31

Note: This question is part of series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have an Azure subscription named Project1. Only a group named Project1admins is assigned roles in the Project1 subscription. The Project1 subscription contains all the resources for an application named Application1.

Your company is developing a new application named Application2. The members of the Application2 development team belong to an Azure Active Directory (Azure AD) group named App2Dev.

You identify the following requirements for Application2:

The members of App2Dev must be prevented from changing the role assignments in Azure.

The members of App2Dev must be able to create new Azure resources required by Application2.

All the required role assignments for Application2 will be performed by the members of Project1admins.

You need to recommend a solution for the role assignments of Application2.

Solution: Create a new Azure subscription named Project2. Assign Project1admins the Owner role for the Project2 subscription. Assign App2Dev the Contributor role for the Project2 subscription.

Does this meet the goal?

- A. Yes
B. No

Answer: A

NEW QUESTION 32

You are designing an Azure solution for a company that wants to move a .NET Core web application an on-premises data center to Azure. The web application relies on a Microsoft SQL Server 2016 database on Windows Server 2016. The database server will not move to Azure.

A separate networking team is responsible for configuring network permissions.

The company uses Azure ExpressRoute and has an ExpressRoute gateway connected to an Azure virtual network named VNET1.

You need to recommend a solution for deploying the web application.

Solution: Deploy the web application to a web app hosted in a Premium App Service plan. Does this meet the goal?

- A. Yes
B. No

Answer: A

NEW QUESTION 33

You plan to import data from your on-premises environment into Azure. The data is shown in the following table.

On-premises source	Azure target
A Microsoft SQL Server 2012 database	An Azure SQL database
A table in a Microsoft SQL Server 2008 database	An Azure Cosmos account that uses the SQL API

What should you recommend using to migrate the data? To answer, drag the appropriate tools to the correct data sources. Each tool 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.

Tools

AzCopy

Azure Cosmos DB Data Migration Tool

Data Management Gateway

Data Migration Assistant

Answer Area

⏪

From the SQL Server 2012 database:

Tool

⏩

From the table in the SQL Server 2008 database:

Tool

Answer:

Explanation: References:

<https://docs.microsoft.com/en-us/azure/dms/tutorial-sql-server-to-azure-sql> <https://docs.microsoft.com/en-us/azure/cosmos-db/import-data>

NEW QUESTION 35

You deploy Azure service by using Azure Resources Manager templates. The template reference secrets are stored in Azure key Vault.

You need to recommend a solution for accessing the secrets during deployments. The solution must prevent the users who are performing the deployments from accessing the secrets in the key vault directly.

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.

Enable the key vaults for template deployment by using:

An access policy for the key vault

An advanced access policy for the key vault

Role-based access control (RBAC)

Restrict access to the secrets in the key vaults by using:

An access policy for the key vault

An advanced access policy for the key vault

Role-based access control (RBAC)

Answer:

Explanation:

Enable the key vaults for template deployment by using:

An access policy for the key vault

An advanced access policy for the key vault

Role-based access control (RBAC)

Restrict access to the secrets in the key vaults by using:

An access policy for the key vault

An advanced access policy for the key vault

Role-based access control (RBAC)

NEW QUESTION 36

A company named Contoso, Ltd. has an Azure Active Directory (Azure AD) tenant that uses the BAsic license.

You plan t deploy two applications to Azure. The application has the requirements shown in the following table.

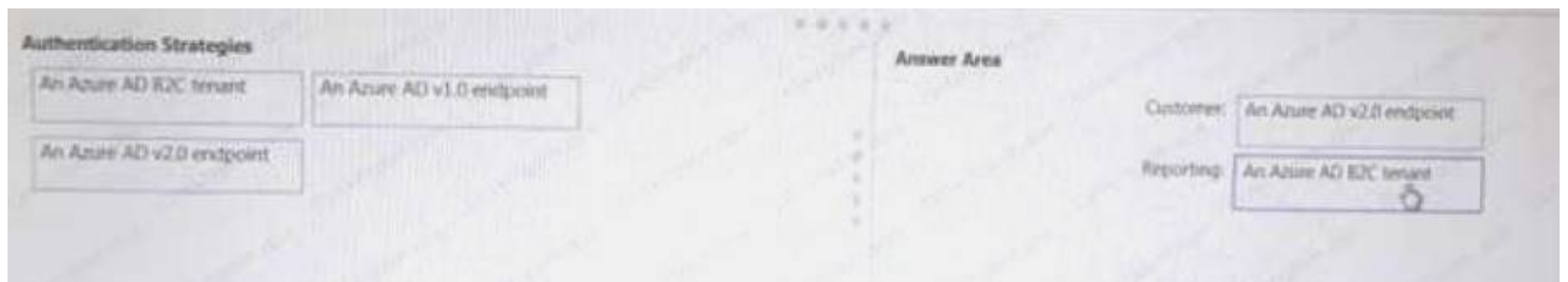
Application name	Requirement
Customer	Users must authenticate by using a personal Microsoft account and multi-factor authentication.
Reporting	Users must authenticate by using either Contoso credentials or a personal Microsoft account. You must be able to manage the accounts from Azure AD.

Which authentication Strategy should you recommend for each application? To answer, drag the appropriate authentication strategies to the correct applications. Each authentication strategy 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.



Answer:

Explanation:



NEW QUESTION 40

Note: This question is part of series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have an Azure subscription that contains a resource group named RG1.

You create an Azure Active Directory (Azure AD) group named ResearchUsers that contains the user accounts of all researchers.

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

The researchers must be allowed to create Azure virtual machines.

The researchers must only be able to create Azure virtual machines by using specific Azure Resource Manager templates.

Solution: On RG1, assign the Contributor role to the ResearchUsers group. Create a custom Azure Policy definition and assign the policy to RG1.

Does this meet the goal?

A. Yes

B. No

Answer: A

NEW QUESTION 42

You have standard Load balancer configured to support three virtual machines on the same subnet. You need to recommend a solution to notify administrators when the load balancer fails.

Which metrics should you recommend using to test the load balancer? To answer, drag the appropriate metrics to the correct conditions. Each metric 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.

NOT: Each correct selection is worth one point.



Answer:

Explanation:



NEW QUESTION 45

Your company has several Azure subscriptions that are part of a Microsoft Enterprise Agreement? The company's compliance team creates automatic alerts by using Ware Monitor.

You need to recommend a solution to apply the alerts automatically when new subscriptions are added to the Enterprise agreement.

What should you include in the recommendation?

- A. Azure Pokey
- B. Azure Resource Manager templates
- C. Azure log Analytics alerts
- D. Azure Monitor action groups
- E. Azure Automation runboote

Answer: D

NEW QUESTION 46

You have an on-premises Hyper-V cluster. The cluster contains Hyper-V hosts that run Windows Server 2016 Datacenter. The hosts are licensed under a Microsoft Enterprise Agreement that has Software Assurance.

The Hyper-V cluster hosts 3 virtual machines that run Windows Server 2012 R2. Each virtual machine runs a different workload. The workloads have predictable consumption patterns.

You plan to replace the virtual machines with Azure virtual machines that run Windows Server 2016. The virtual machines will be sized according to the consumption pattern of each workload.

You need to recommend a solution to minimize the compute costs of the Azure virtual machines.

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

NOTE: Each correct selection is worth one point.

- A. Purchase Azure Reserved Virtual Machine Instances for the Azure virtual machines
- B. Create a virtual machine scale set that uses autoscaling
- C. Configure a spending limit in the Azure account center
- D. Create a lab in Azure DevTest Labs and place the Azure virtual machines in the lab
- E. Activate Azure Hybrid Benefit for the Azure virtual machines

Answer: AE

NEW QUESTION 48

Your company identifies the following business continuity and disaster recovery objectives for virtual machines that host sales, finance, and reporting application in the company's on-premises data center.



- The finance application requires that data be retained for seven years. In the event of a disaster, the application must be able to run from Azure. The recovery in objective (RTO) is 10 minutes,

- The reporting application must be able to recover point in-time data at a daily granularity. The RTO is eight hours.

- The sales application must be able to fail over to second on-premises data center.



You need to recommend which Azure services meet the business community and disaster recovery objectives. The solution must minimize costs.

What should you recommend for each application? To answer, drag the appropriate services to the correct application. Each service may be used owe. More than once not at an You may need to drag the spin bar between panes or scroll 10 view content.

Actions		Answer Area
Azure Backup only	 	Sales: Service or Services
Azure Site Recovery only		Finance: Service or Services
Azure Site Recovery and Azure Backup		Reporting: Service or Services

Answer:

Explanation:

Actions		Answer Area
Azure Backup only	 	Sales: Azure Site Recovery and Azure Backup
Azure Site Recovery only		Finance: Azure Backup only
Azure Site Recovery and Azure Backup		Reporting: Azure Site Recovery only

NEW QUESTION 50

You configure OAuth 2 authorization in API Management as shown in the exhibit.

Add OAuth2 service
Add management service

* Display name
Choose name used to reference this authorization server on the p...

* URI
...

Description
Authorization server description

* Client registration page URL
https://contoso.com/register ✓

Authorization grant types

☒ Authorization code

☐ Implicit

☐ Resource owner password

☐ Client credentials

* Authorization endpoint URL
https://login.microsoftonline.com/contoso.onmicrosoft.com/a... ✓

☐ Support state parameter

Authorization request method

☒ GET

☐ POST

* Token endpoint URL

Use the drop-down to select the answer choice that completes each statement based on the information presented in the graphic.
NOTE: Each correct selection is worth one point.

The selected authorization grant type is for [answer choice].

To enable custom data in the grant flow, select [answer choice].

Background services
Headless device authentication
Single page applications
Web applications

Client credentials
Implicit
Resource owner password
Support state parameter

Answer:

Explanation:

The selected authorization grant type is for [answer choice].

To enable custom data in the grant flow, select [answer choice].

Background services
Headless device authentication
Single page applications
Web applications

Client credentials
Implicit
Resource owner password
Support state parameter

NEW QUESTION 51

You need to recommend a solution to generate a monthly report of all the new Azure Resource Manager resource deployment in your subscription. What should you include in the recommendation?

- A. Azure Activity Log
- B. Azure Monitor action groups
- C. Azure Advisor
- D. Azure Monitor metrics

Answer: B

NEW QUESTION 56

You are planning an Azure solution that will host production database for a high-performance application. The solution will include the following components:

- Two virtual machines that will run Microsoft SQL Server 2016, will be deployed to different data centers in the same Azure region, and will be part of an Always On availability group.
- SQL server data that will be backed up by using the Automated Backup feature of the SQL Server IaaS Agent Extension (SQLIaaSExtension).

You identify the storage priorities for various data type as shown in the following table.

Data type	Storage priority
Operating system	Speed and availability
Databases and logs	Speed and availability
Backups	Lowest cost

Which storage type should you recommend for each data type? To answer, drag the appropriate storage types to the correct data types. Each storage type 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.

Storage Types

A geo-redundant storage (GRS) account

A locally-redundant storage (LRS) account

A premium managed disk

A standard managed disk

Answer Area

Operating system:

Storage type

Databases and logs:

Storage type

Backups:

Storage type

Answer:

Explanation:

Storage Types

A geo-redundant storage (GRS) account

A locally-redundant storage (LRS) account

A premium managed disk

A standard managed disk

Answer Area

Operating system:

A premium managed disk

Databases and logs:

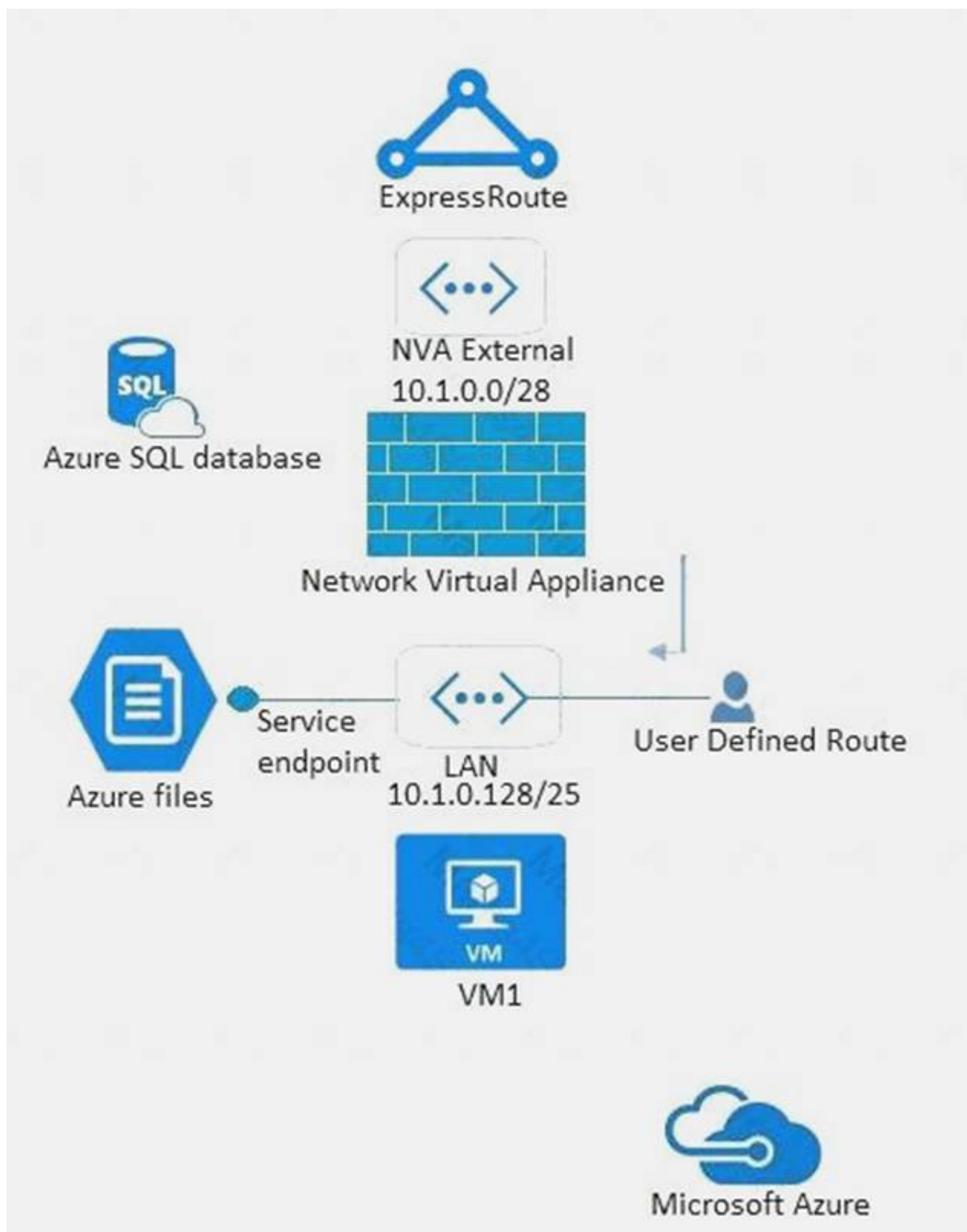
A locally-redundant storage (LRS) account

Backups:

A standard managed disk

NEW QUESTION 58

You have the network topology shown in the following exhibit.



You have a user-defined route that has a default route of 0.0.0.0/0 and the next hop set to the network virtual appliance.

You configure the Azure Storage account to use virtual network service endpoints.

For each of the following statements, select Yes if the statement is true. Otherwise, select No. NOTE: Each correct selection is worth one point.

Statements	Yes	No
From VM1, traffic destined to the Azure Key Management Service will be routed to the network virtual appliance.	<input type="radio"/>	<input type="radio"/>
From VM1, traffic destined to the Azure file share will be routed to the Internet.	<input type="radio"/>	<input type="radio"/>
From VM1, traffic destined to the Azure SQL database will be routed to the Internet.	<input type="radio"/>	<input type="radio"/>

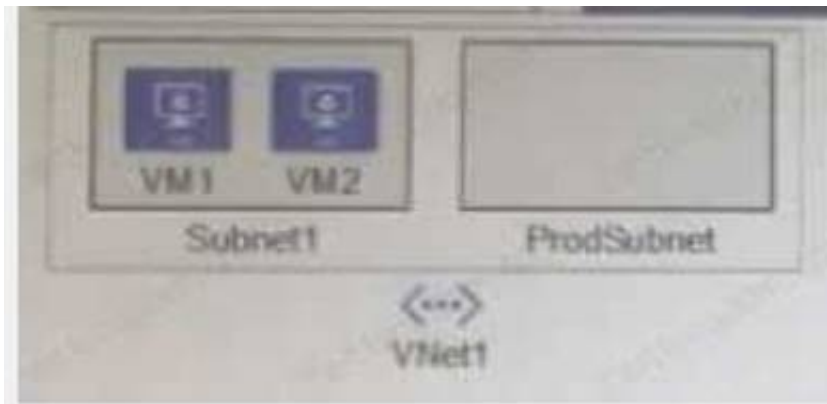
Answer:

Explanation: References:

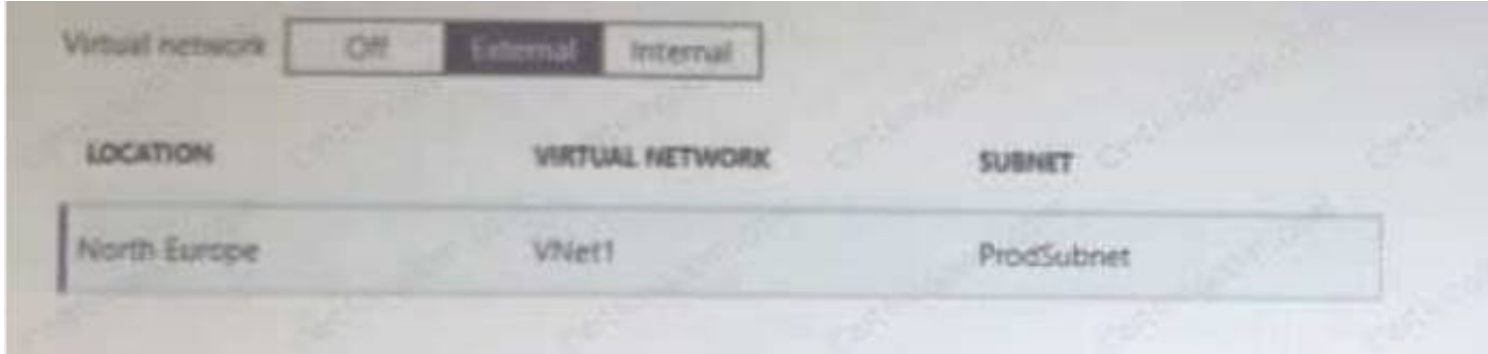
<https://docs.microsoft.com/en-us/azure/virtual-network/virtual-networks-udr-overview>

NEW QUESTION 60

Your company develops a web service that is deployed to at, Azure virtual machine named VM1 the web service allows an API to access real- time data from VM1 The current virtual machine deployment is shown in the Deployment exhibit. (Click the Deployment tab).



The chief technology officer (CTO) sends you the following email message: "Our developers have deployed the web service to a virtual machine named WL Testing has shown that the API is accessible from VM1 and VM2. Our partners must be able to connect to the API over the Internet. Partners will use this data in applications that they develop. You deploy an Azure API Management service. The relevant API Management configuration is shown in the API Management console. Click the API tab).



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
The API is available to partners over the Internet.		<input type="radio"/>
The gateway can access real-time data from VM1.		<input type="radio"/>
A VPN gateway is required for partner access.		<input type="radio"/>

Answer:

Explanation:

Answer Area		
Statements		
		Yes
		No
The API is available to partners over the Internet.		<input type="radio"/>
The gateway can access real-time data from VM1.		<input type="radio"/>
A VPN gateway is required for partner access.		<input checked="" type="radio"/>

NEW QUESTION 64

You are developing a sales application that will contain several Azure cloud services and will handle different components of a transactions. Different cloud services will process customer orders, billing, payment, inventory, and shipping. You need to recommend a solution to enable the cloud services to asynchronously communicate transaction information by using REST messages. What would you include in the recommendation?

- A. Traffic Manager
- B. Azure Notification Hubs
- C. Azure Blob storage
- D. Azure Queue storage

Answer: D

NEW QUESTION 66

You need to recommend a data storage solution that meets the following requirements:
Ensures that application can access the data by using a REST connection
Hosts 20 independent tables of varying sizes and usage patterns
Automatically replicates the data to a second Azure region
Minimizes costs
What should you recommend?

- A. an Azure SQL Database elastic database pool that uses active geo-replication
- B. tables in an Azure Storage account that uses geo-redundant storage (GRS)
- C. tables in an Azure Storage account that use read-access geo-redundant storage (RA-GR)
- D. an Azure SQL database that uses active geo-replication

Answer: C

NEW QUESTION 69

Your company has three branch offices and an Azure subscription. Each branch office contains a Hyper-V host that hosts application servers. You need to recommend a storage solution for the branch offices. The solution must ensure that the application servers can connect to a central storage device by using iSCSI connections. Data saved to the iSCSI storage device from the application servers must be uploaded to Azure automatically. Which components should you include in the recommendation? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

Branch office Hyper-V hosts:

<input type="checkbox"/> Azure File Sync agent <input type="checkbox"/> Azure Site Recovery agent <input type="checkbox"/> Azure StorSimple Virtual Array <input type="checkbox"/> Distributed File System Replication	▼
---	---

Azure subscription:

<input type="checkbox"/> Azure file share <input type="checkbox"/> Azure File Sync <input type="checkbox"/> Azure Site Recovery vault <input type="checkbox"/> Azure Storage account	▼
---	---

Answer:

Explanation: References:
<https://docs.microsoft.com/en-us/azure/storsimple/storsimple-ova-overview>

NEW QUESTION 73

A company named Contoso Ltd., has a single-domain Active Directory forest named contoso.com. Contoso is preparing to migrate all workloads to Azure. Contoso wants users to use single sign-on (SSO) when they access cloud-based services that integrate with Azure Active Directory (Azure AD). You need to identify any objects in Active Directory that will fail to synchronize to Azure AD due to formatting issues. The solution must minimize costs. What should you include in the solution?

- A. Azure Advisor
- B. Microsoft Office 365 IdFix
- C. Azure AD Connect Health
- D. Password Export Server version 3.1 (PES v3.1) in Active Directory Migration Tool (ADMT)

Answer: B

NEW QUESTION 78

You have Azure virtual machines that run a custom line-business web application. You plan to use a third-party solution to parse event logs from the virtual machine stored in an Azure storage account. You need to recommend a so to save the event logs from the virtual. What should you include in recommendation?

- A. Azure VM Diagnostics Extension
- B. Azure Monitor
- C. Azure log Analytics
- D. event log subscriptions

Answer: A

Explanation: References:
<https://docs.microsoft.com/en-us/azure/virtual-machines/windows/extensions-diagnostics>

NEW QUESTION 82

Your company has 20 web APIs that were developed in-house. The company is developing 10 web apps that will use the web APIs. The web apps and the APIs are registered in the company's Azure Active Directory (Azure AD) tenant. The web APIs are published by using Azure API Management. You need to recommend a solution to block unauthorized requests originating from the web apps from reaching the web APIs. The solution must meet the following requirements:

Use Azure AD-generated claims.

Minimize configuration and management effort.

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.

Grant permissions to allow the web apps to access the web APIs by using:

	▼
Azure AD	
Azure API Management	
The web APIs	

Configure a JSON Web Token (JWT) validation policy by using:

	▼
Azure AD	
Azure API Management	
The web APIs	

Answer:

Explanation:

Grant permissions to allow the web apps to access the web APIs by using:

	▼
Azure AD	
Azure API Management	
The web APIs	

Configure a JSON Web Token (JWT) validation policy by using:

	▼
Azure AD	
Azure API Management	
The web APIs	

NEW QUESTION 86

The accounting department at your company migrates to new financial accounting software. The accounting department must keep file-based database backups for years for compliances purposes. It is unlikely that the backup will be used to recover data.

You need to move the backups to Azure. The solution must minimize costs. Where should you store the backups?

- A. Azure SQL Database
- B. a Recovery Services vault
- C. Azure Blob storage that uses the archive tier
- D. Azure storage that uses the Cool tier

Answer: C

NEW QUESTION 89

You have an on-premises deployment of MongoDB.

You plan to migrate MongoDB to an Azure Cosmos DB account that uses the MongoDB API. You need to recommend a solution for migrating MongoDB to Azure Cosmos DB.

What should you include in the recommendation?

- A. mongorestore
- B. Data Migration Assistant
- C. Azure Storage Explorer
- D. Azure Cosmos DB Data Migration Tool

Answer: A

Explanation: References:

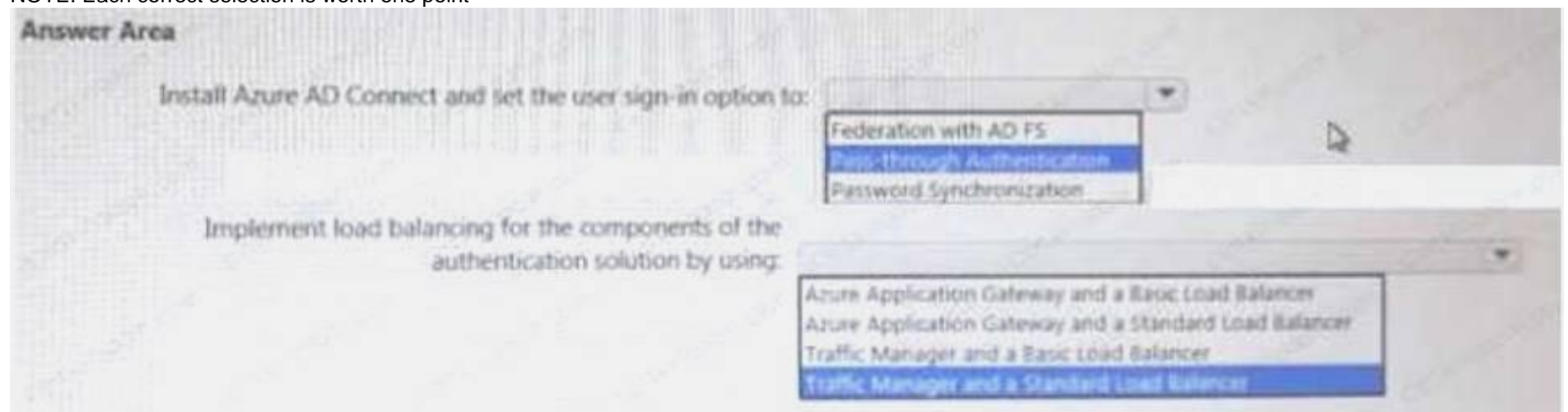
<https://docs.microsoft.com/en-us/azure/cosmos-db/mongodb-migrate>

NEW QUESTION 93

You need to recommend a solution for the user at Contoso to authenticate to the cloud-based services and the Azure AD-integrated application. What should you

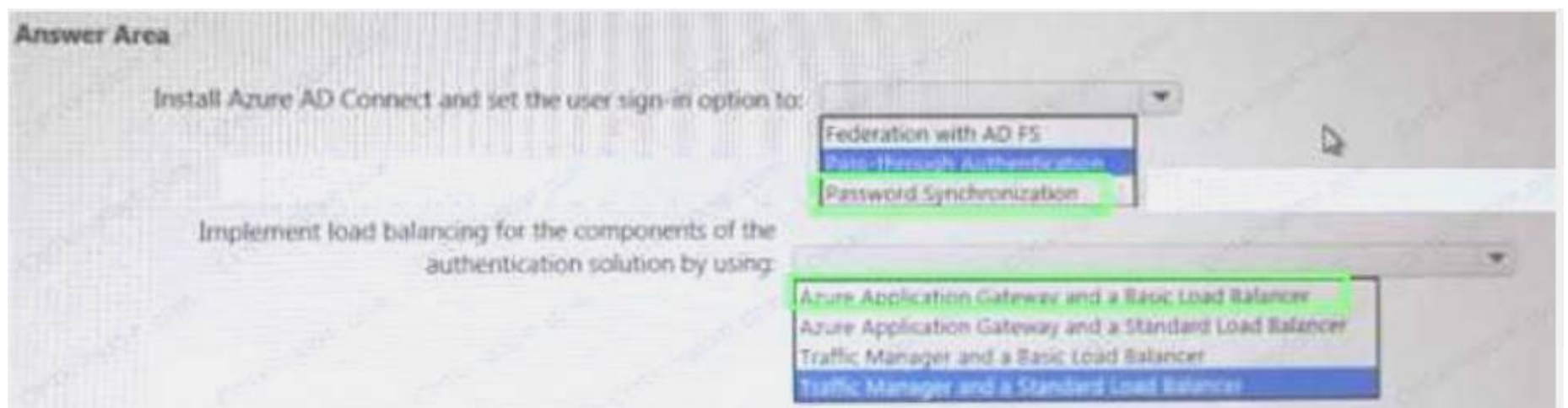
include in the recommendation? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point



Answer:

Explanation:



NEW QUESTION 95

You need to recommend a compute solution for the middle tier of the payment processing system. What should you include in the recommendation?

- A. Azure Kubernetes Service (AKS)
- B. virtual machine scale sets
- C. availability sets
- D. App Service Environments (ASEs)

Answer: B

NEW QUESTION 98

You need to recommend a disaster recovery solution for the back-end tier of the payment processing system. What should you include in the recommendation?

- A. Always On Failover Cluster Instances
- B. active geo-replication
- C. Azure Site Recovery
- D. an auto-failover group

Answer: D

Explanation: References:

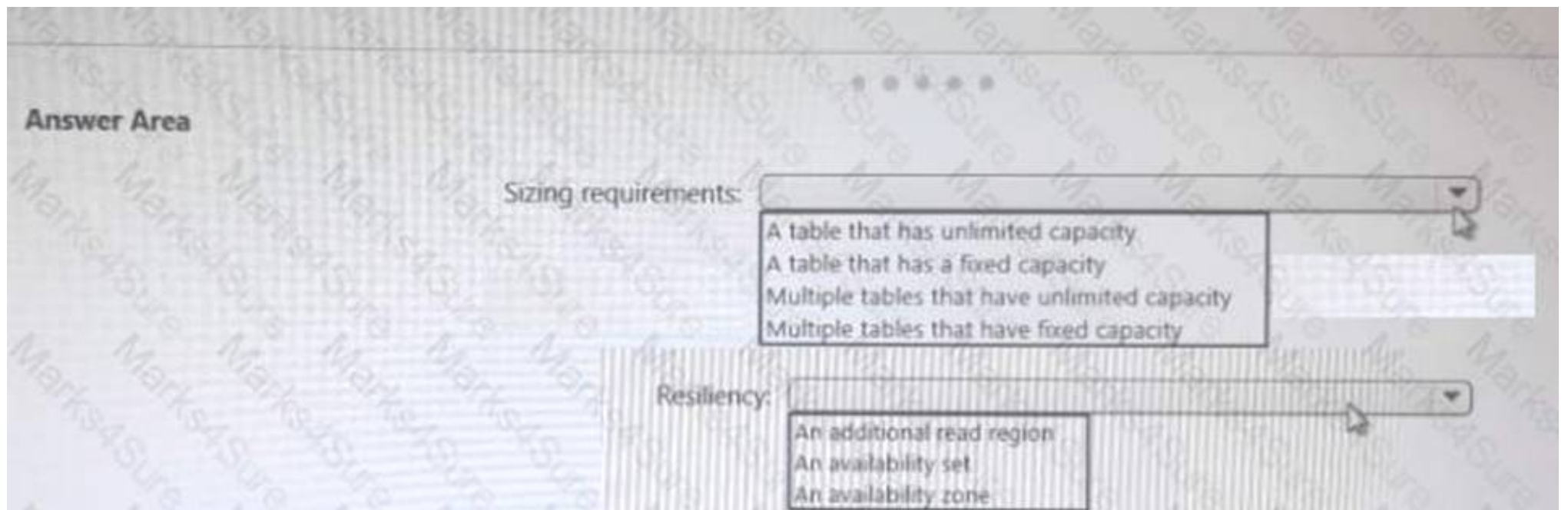
<https://docs.microsoft.com/en-us/azure/sql-database/sql-database-auto-failover-group>

NEW QUESTION 103

You need to recommend a solution for data of the historical transaction query system.

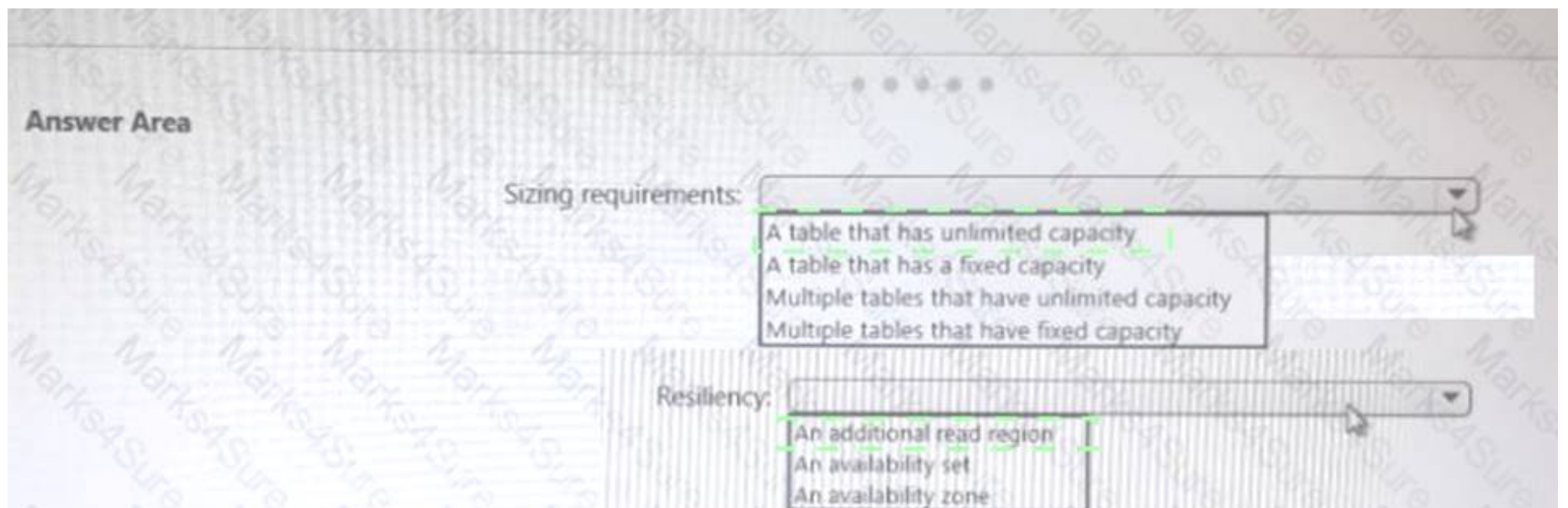
What should you include in the recommendation? To answer, Select the appropriate or options in the answer area.

NOTE: Each correct selection is worth one point



Answer:

Explanation:



NEW QUESTION 107

You need to recommend a solution for protecting the content of the back-end tier of the payment processing system. What should you include in the recommendations?

- A. Always Encrypted with deterministic encryption
- B. Transparent Date Encryption (TDE)
- C. Azure Storage Service Encryption
- D. Always Encrypted with randomized encryption

Answer: A

NEW QUESTION 109

.....

Thank You for Trying Our Product

* 100% Pass or Money Back

All our products come with a 90-day Money Back Guarantee.

* One year free update

You can enjoy free update one year. 24x7 online support.

* Trusted by Millions

We currently serve more than 30,000,000 customers.

* Shop Securely

All transactions are protected by VeriSign!

100% Pass Your AZ-301 Exam with Our Prep Materials Via below:

<https://www.certleader.com/AZ-301-dumps.html>