

Exam Questions AZ-301

Microsoft Azure Architect Design

<https://www.2passeasy.com/dumps/AZ-301/>



NEW QUESTION 1

- (Exam Topic 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

- (Exam Topic 1)

You need to recommend a strategy for migrating the database content of WebApp1 to Azure. What should you include in the recommendation?

- A. Use Azure Site Recovery to replicate the SQL servers to Azure.
- B. Use SQLServer transactional replication.
- C. Copy the BACPAC file that contains the Azure SQL database file to Azure Blob storage.
- D. Copy the VHD that contains the Azure SQL database files to Azure Blob storage

Answer: C

NEW QUESTION 3

- (Exam Topic 1)

You design a solution for the web tier of WebApp1 as shown in the exhibit.



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

Statements	Yes	No
The design supports the technical requirements for redundancy.	<input checked="" type="radio"/>	<input type="radio"/>
The design supports autoscaling.	<input type="radio"/>	<input type="radio"/>
The design requires a manual configuration if an Azure region fails.	<input checked="" type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Statements	Yes	No
The design supports the technical requirements for redundancy.	<input checked="" type="radio"/>	<input type="radio"/>
The design supports autoscaling.	<input type="radio"/>	<input checked="" type="radio"/>
The design requires a manual configuration if an Azure region fails.	<input checked="" type="radio"/>	<input type="radio"/>

NEW QUESTION 4

- (Exam Topic 1)

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 5

- (Exam Topic 2)

You are designing an access policy for the sales department at your company. Occasionally, the developers at the company must stop, start, and restart Azure virtual machines. The development team changes often. You need to recommend a solution to provide the developers with the required access to the virtual machines. The solution must meet the following requirements: Provide permissions only when needed. Use the principle of least privilege. Minimize costs. 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.

Azure Active Directory (Azure ID) license:

Free

Basic

Premium P1

Premium P2

Security feature:

Just in time VM access

A conditional access policy

Privileged Identity Management for the Azure resources

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Azure Active Directory (Azure ID) license:

Free	▼
Basic	
Premium P1	
Premium P2	

Security feature:

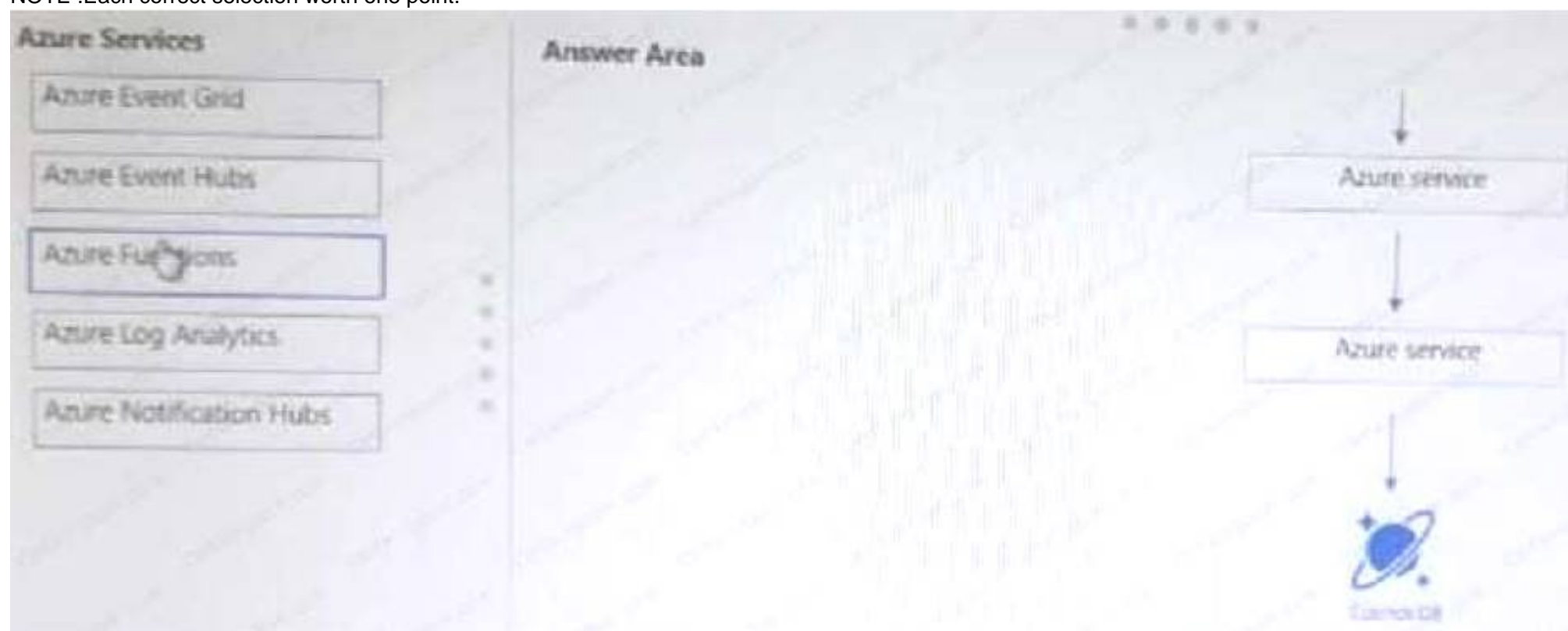
Just in time VM access	▼
A conditional access policy	
Privileged Identity Management for the Azure resources	

NEW QUESTION 6

- (Exam Topic 2)

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.



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 7

- (Exam Topic 2)

Note: This question is part of a 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 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 an Azure virtual machine to two Azure regions, and you create a Traffic Manager profile.

Does this meet the goal?

- A. Yes
- B. No

Answer: A

NEW QUESTION 8

- (Exam Topic 2)

You use Azure virtual machines to run a custom application that uses an Azure SQL database on the back end. The IT department at your company recently enabled forced tunneling,

Since the configuration change, developers have noticed degraded performance when they access the database.

You need to recommend a solution to minimize latency when accessing the database. The solution must minimize costs.

What should you include in the recommendation? .

- A. Azure SQL Database Managed instance
- B. Azure virtual machines that run Microsoft SQL Server servers
- C. Always On availability groups
- D. virtual network service endpoint

Answer: D

NEW QUESTION 9

- (Exam Topic 2)

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?

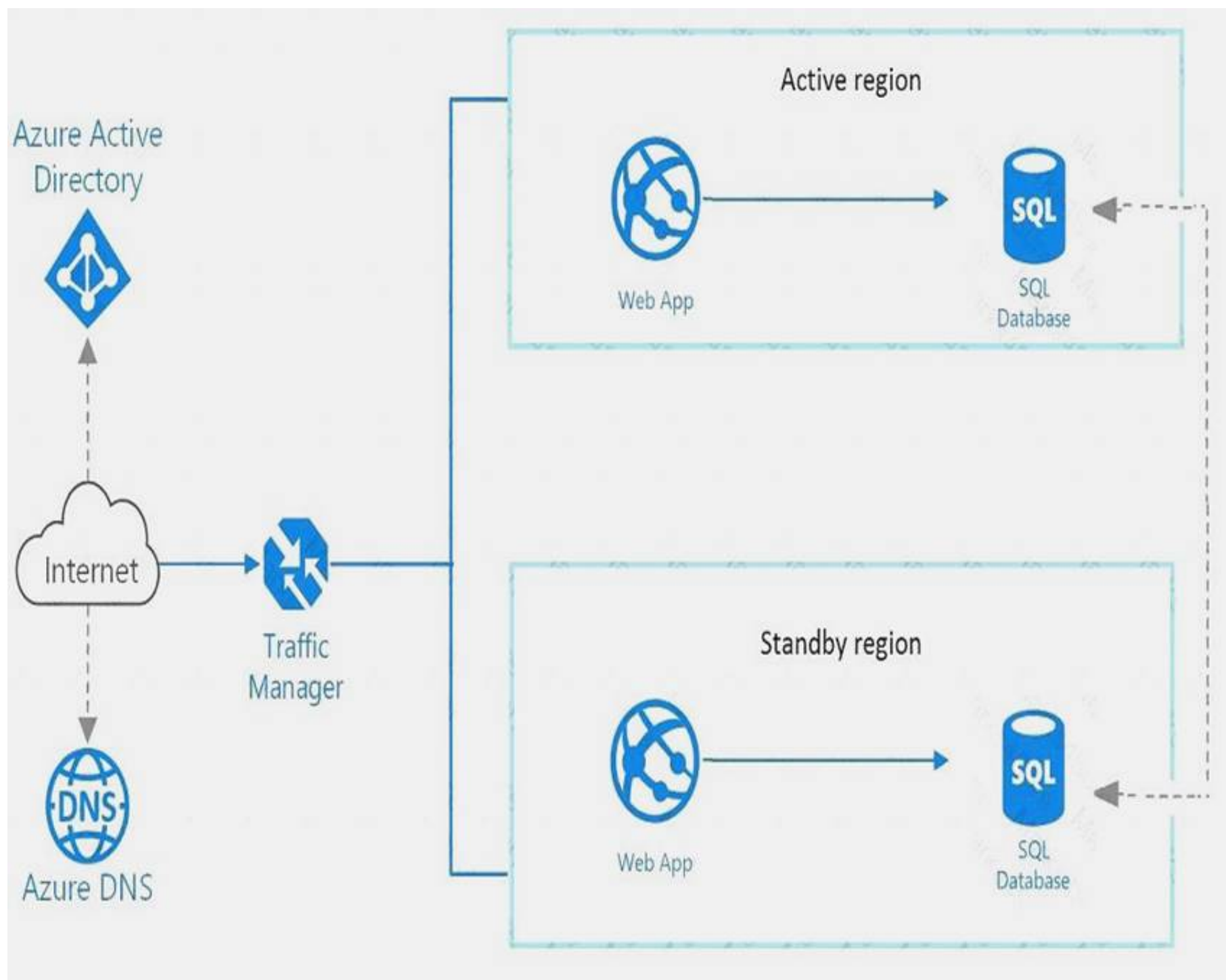
- A. Microsoft SQL Server Migration Assistant (SSMA)
- B. Azure Data Factory
- C. Data Migration Assistant
- D. AzCopy

Answer: C

NEW QUESTION 10

- (Exam Topic 2)

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

- A. Mastered
- B. Not Mastered

Answer: A

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 10

- (Exam Topic 2)

You have an on premises Active Directory forest and an Azure Active Directory Azure AD) tenant. All Azure AD users are assigned a Premium P1 license.

You deploy Azure AD Conned

Which two features ate available m this environment that can reduce operational overhead tot your company's help desk? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point

- A. sell- service password reset
- B. access review
- C. password writeback
- D. Azure AD Privileged Identity Management policies
- E. Microsoft Cloud App Security Conditional At access App Control

Answer: AD

NEW QUESTION 13

- (Exam Topic 2)

You plan to deploy a payroll system to Azure. The payroll system will use Azure virtual machines that run SUSE Linux Enterprise Server and Windows.

You need to recommend a business continuity solution for the payroll system. The solution must meet the following requirements:

Minimize costs.

Provide business continuity if an Azure region fails.

Provide a recovery time objective (RTO) of 30 minutes.

Provide a recovery point objective (RPO) of five minutes.

What should you include in the recommendation?

- A. Microsoft System Center Data Protection Manage (DPM)
- B. unmanaged disks that use geo-redundant storage (GRS)
- C. Azure Site Recovery
- D. Azure Backup

Answer: C

NEW QUESTION 17

- (Exam Topic 2)

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 19

- (Exam Topic 2)

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:

<input type="checkbox"/>	Azure default routes
<input type="checkbox"/>	Border Gateway Protocol (BGP)
<input type="checkbox"/>	User-defined routes

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

<input type="checkbox"/>	Border Gateway Protocol (BGP)
<input type="checkbox"/>	Hot Standby Routing Protocol (HSRP)
<input type="checkbox"/>	Virtual Router Redundancy Protocol (VRRP)

- A. Mastered
- B. Not Mastered

Answer: A

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 21

- (Exam Topic 2)
You have an Azure Contoso DB account named Account1 that has one write region and four read regions. You need to recommend a solution to ensure that, by default, any reads containers in Account1 will never see out writes. The solution must minimize costs. What should you recommend?

- A. Configure Account1 to use the Strong consistency level.
- B. Create all the containers m Account1 as fixed.
- C. Create all the containers m Account1 as unlimited.
- D. Configure Account 1 to use the Consistent Prefix consistency level

Answer: A

NEW QUESTION 25

- (Exam Topic 2)
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

AzureActivity

AzureDiagnostics

Event

Syslog

Answer Area

Events from Windows event logs:

Table

Events from Linux system logging:

Table

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Tables

AzureActivity

AzureDiagnostics

Event

Syslog

Answer Area

Events from Windows event logs:

Events from Linux system logging:

Event

Syslog

NEW QUESTION 26

- (Exam Topic 2)

You have an Azure subscription.

You need to recommend a solution to provide developers with the ability to provision Azure virtual machines. The solution must meet the following requirements:

Only allow the creation of the virtual machines in specific regions.

Only allow the creation of specific sizes of virtual machines.

What should include in the recommendation?

- A. conditional access policies
- B. Azure Policy
- C. Azure Resource Manager templates
- D. role-based access control (RBAC)

Answer: B

NEW QUESTION 30

- (Exam Topic 2)

You are planning to deploy an application by using the Azure Kubernets Services (AKS)> the application will reedy on having access to an encryption key that will be used to ... transmit files

What should you use to provides the encryption key AKS security?

- A. secrets
- B. Azure Storage Service Encryption
- C. a Kubernetes deployment YAML file
- D. ConfiguReMap

Answer: C

NEW QUESTION 33

- (Exam Topic 2)

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 37

- (Exam Topic 2)

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:

From the table in the SQL Server 2008 database:

Tool

Tool

- A. Mastered
- B. Not Mastered

Answer: A

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 40

- (Exam Topic 2)

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)

- A. Mastered
- B. Not Mastered

Answer: A

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 41

- (Exam Topic 2)

You have an on-premises network that uses on IP address space of 172.16.0.0/16 You plan to deploy 25 virtual machines to a new azure subscription. You identify the following technical requirements. All Azure virtual machines must be placed on the same subnet subnet1. All the Azure virtual machines must be able to communicate with all on premises servers. The servers must be able to communicate between the on-premises network and Azure by using a site to site VPN. You need to recommend a subnet design that meets the technical requirements. What should you include in the recommendation? To answer, drag the appropriate network addresses to the correct subnet. Each network address 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.

Network Addresses	Answer Area	
172.16.0.0/16	<div> <div>⏪</div> <div>⏩</div> </div>	Subnet1: <input type="text" value="Network address"/>
172.16.1.0/28		Gateway subnet: <input type="text" value="Network address"/>
192.168.0.0/24		
192.168.1.0/28		

- A. Mastered
 B. Not Mastered

Answer: A

Explanation:

Network Addresses	Answer Area	
172.16.0.0/16	<div> <div>⏪</div> <div>⏩</div> </div>	Subnet1: <input type="text" value="192.168.0.0/24"/>
172.16.1.0/28		Gateway subnet: <input type="text" value="192.168.1.0/28"/>
192.168.0.0/24		
192.168.1.0/28		

NEW QUESTION 44

- (Exam Topic 2)

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 49

- (Exam Topic 2)

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 an Azure virtual machine to two Azure regions, and you deploy an Azure Application Gateway.

Does this meet the goal?

- A. Yes
 B. No

Answer: B

NEW QUESTION 50

- (Exam Topic 2)

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.



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 55

- (Exam Topic 2)

Your development team plans to use an Azure subscription to test new applications. The application will reside on Azure virtual machines. The developers will be responsible for managing the subscription shared resources will be used by more than one application.

You need to recommend a deployment solution that meets the following requirements: Minimize administration effort for the developers

Ensures that the testing environment can be recreated consistently

Ensures that the testing cycle is complete, all the resources, except for the shared resources associated to each application are deleted

What should you include in the recommendation?

- A. Use JSON templates to create the resource
- B. Place the shared resources in one resource group, the application-specific resources in separate resource group.
- C. Use JSON templates to create the resource
- D. Place the shared resources in one resource group- Place all the application -.pacific in a resources in second resource group
- E. Use an Azure PowerShell script to create the resource
- F. Place the shared resources .and the application-specific resources in the resources group.
- G. Use an Azure PowerShell script to create the resource
- H. Place the shared resources in one resource group Place the application-specific resources in separate resources groups.

Answer: B

NEW QUESTION 57

- (Exam Topic 2)

You have an on-premises Active Directory forest and an Azure Active Directory (Azure AD) tenant. All Azure AD users are assigned a Premium P1 license.

You deploy Azure AD Connect.

Which two features are available in this environment that can reduce operational overhead for your company's help desk? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. Azure AD Privileged Identity Management policies
- B. access reviews
- C. self-service password reset
- D. Microsoft Cloud App Security Conditional Access App Control
- E. password writeback

Answer: CE

NEW QUESTION 59

- (Exam Topic 2)

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 62

- (Exam Topic 2)

You have a hybrid deployment of Azure Active Directory (Azure AD).

You need to recommend a solution to ensure that the Azure AD tenant can be managed only from the computers on your on-premises network.

What should you include in the recommendation?

- A. Azure AD roles and administrators
- B. a conditional access policy
- C. Azure AD Application Proxy
- D. Azure AD Privileged Identity Management

Answer: B

NEW QUESTION 64

- (Exam Topic 2)

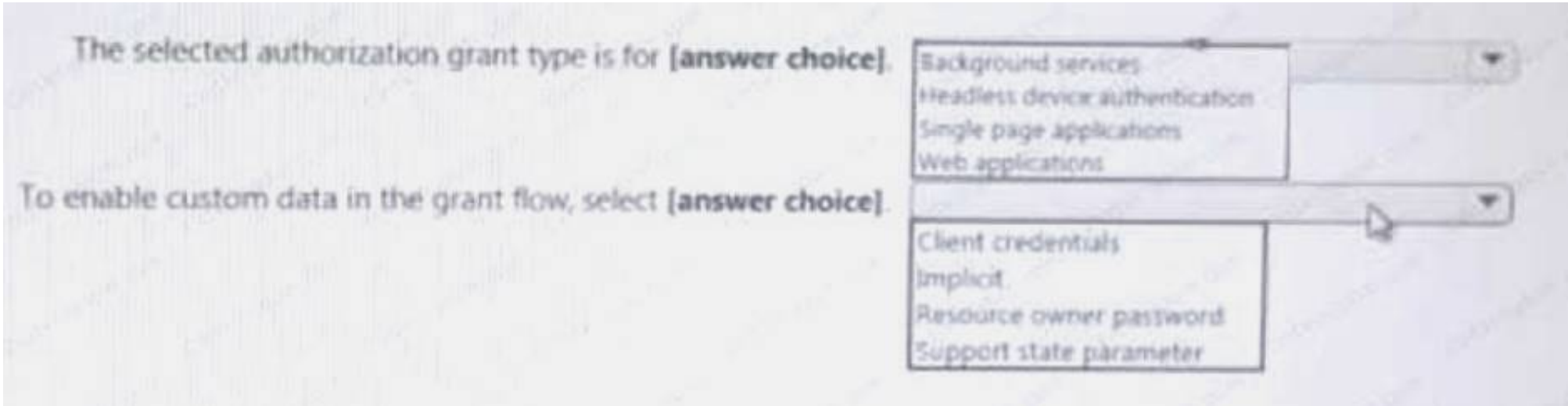
You configure OAuth 2 authorization in API Management as shown in the exhibit.

The screenshot shows the 'Add OAuth2 service' configuration page in the Azure API Management console. The page is titled 'Add OAuth2 service' and 'API management service'. It contains several fields and sections:

- Display name:** A text box with the placeholder 'Display name used to reference this authorization client on the p...'
- ID:** A text box with a placeholder 'ID'.
- Description:** A text box with the placeholder 'Authorization client description'.
- Client registration page URL:** A text box with the value 'https://contoso.com/register'.
- Authorization grant types:** A section with four checkboxes:
 - ☒ Authorization code
 - ☐ Implicit
 - ☐ Resource owner password
 - ☐ Client credentials
- Authorization endpoint URL:** A text box with the value 'https://login.microsoftonline.com/contoso.onmicrosoft.com/a...'.
- Support state parameter:** A checkbox that is unchecked.
- Authorization request method:** A section with two checkboxes:
 - ☒ GET
 - ☐ POST
- Token endpoint URL:** A text box with a placeholder 'Token endpoint URL'.

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

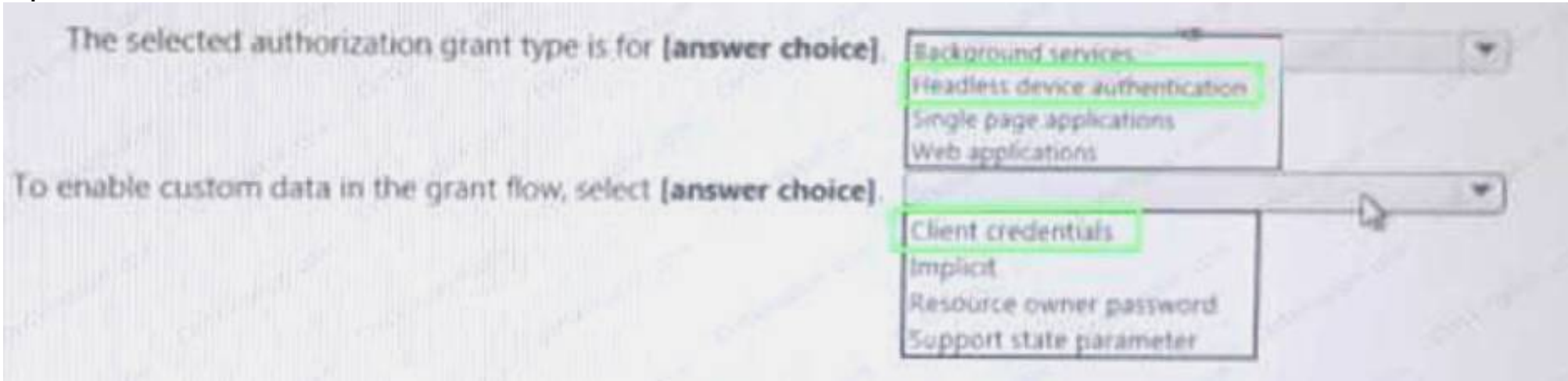
NOTE: Each correct selection is worth one point.



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 69

- (Exam Topic 2)

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 74

- (Exam Topic 2)

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.

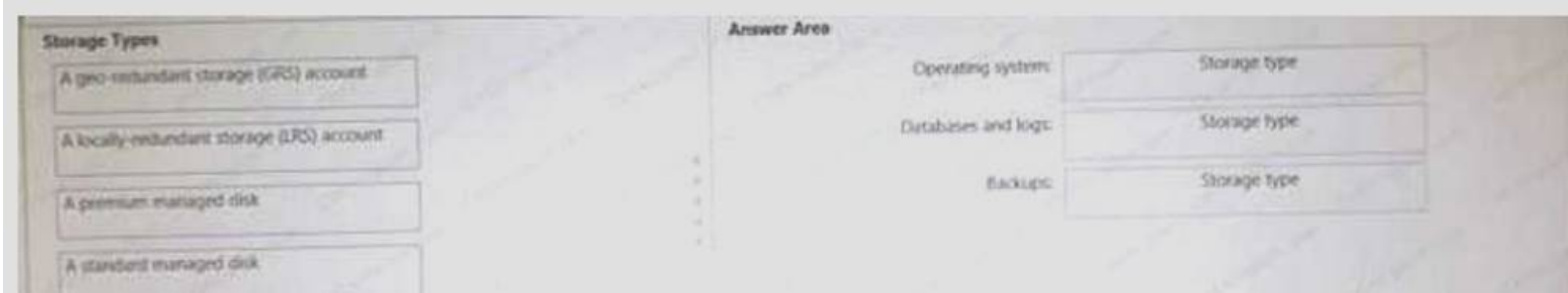
SQL server data that will be backed up by using the Automated Backup feature of the SQL Server IaaS Agent Extension (SQLIaaSExtension)

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.

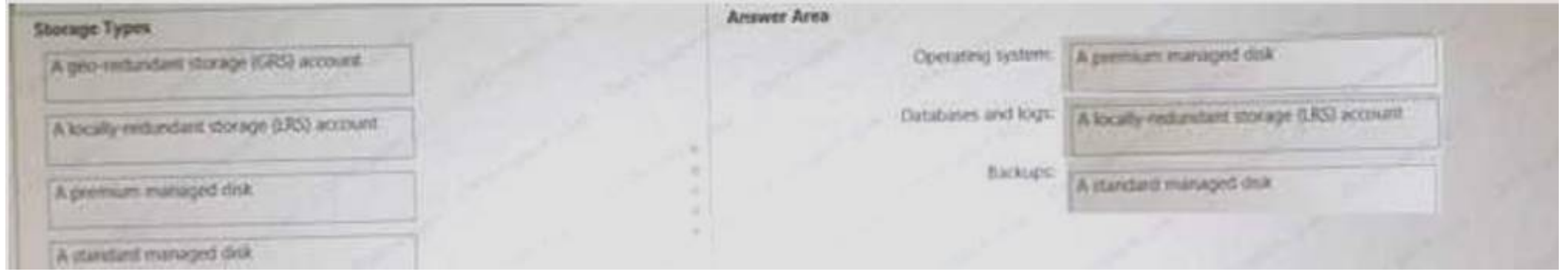


- A. Mastered

B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 79

- (Exam Topic 2)

You plan to move a web application named App1 from an on-premises data center to Azure. App1 depends on a custom framework that is installed on the host server.

You need to recommend a solution to host App1 in Azure. The solution must meet the following requirements:

App1 must be available to users if an Azure data center becomes unavailable.

Costs must be minimized.

What should you include in the recommendation?

- A. In two Azure regions, deploy a Traffic Manager profile and a web app.
- B. In two Azure regions, deploy a load balancer and a virtual machine scale set.
- C. Deploy a load balancer and a virtual machine scale set across two availability zones.
- D. In two Azure regions, deploy a load balancer and a web app.

Answer: A

NEW QUESTION 81

- (Exam Topic 2)

You plan to deploy 200 Microsoft SQL Server databases to Azure by using SQL Database and Azure SQL Database Managed Instance.

You need to recommend a monitoring solution that provides a consistent monitoring approach for all deployments. The solution must meet the following requirements: Support current-state analysis on metrics collected near real-time multiple times per minutes and maintained for up to one hour.

Support longer term analysis based on metrics collected multiple times per hour and maintained for up to two weeks.

Support monitoring of the number of concurrent logins and concurrent sessions. What should you include in the recommendation?

- A. Azure Monitor
- B. dynamic management views
- C. SQL Server-Profiler
- D. trace flags

Answer: D

NEW QUESTION 83

- (Exam Topic 2)

You have an Azure subscription that contains a custom application named Application1. The application was developed by an external company named Fabric, Ltd. Developers at Fabrikam were assigned role-based access control (RBAC) permissions to the Application1 components. All users are licensed for the Microsoft 365 E5 plan.

You need to recommend a solution to verify whether the Fabric developers still require permissions to Application1. The solution must meet the following requirements.

* To the manager of the developers, send a monthly email message that lists the access permissions to Application1.

* If the manager does not verify access permission, automatically revoke that permission.

* Minimize development effort. What should you recommend?

- A. Create an Azure Automation runbook that runs the Get-AzureADUSAppRoleAssignment cmdlet.
- B. In Azure Active Directory (Azure AD) create an access review of Application1.
- C. In Azure Active Directory (AD) privileged identity managed, create a custom roles assignment for the Application1 resources.
- D. Create an Azure Automation runbook that runs the get-AzureRaRolesAssigned cmdlet.

Answer: A

NEW QUESTION 87

- (Exam Topic 2)

You are developing a sales application that will contain several Azure cloud services and will handle different components of a transaction. 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 should you include in the recommendation?

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

Answer: D

NEW QUESTION 89

- (Exam Topic 2)

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 91

- (Exam Topic 2)

You have 100 Standard F2vs-v2 Azure virtual machines. Each virtual machine has two network adapter. You need to increase the network performance of the workloads running on the virtual machine. The solution must meet the following requirements.

*The CPU-to-memory ratio must remain the same.

*The solution must minimize costs. What should you do?

- A. Enable SRIOV
- B. Enable ROMA over InfiniBand
- C. Install an additional network adapter.
- D. Configure NIC teaming.

Answer: A

NEW QUESTION 93

- (Exam Topic 2)

The accounting department at your company migrates to new financial accounting software. The accounting department must keep file-based database backups for years for compliance 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 96

- (Exam Topic 2)

You are planning the implementation of an order processing web service that will contain microservices hosted in an Azure Service Fabric cluster.

You need to recommend a solution to provide developers with the ability to proactively identify and fix performance issues. The developers must be able to simulate user connections to the order processing web service from the Internet, as well as simulate user transactions. The developers must be notified if the goals for the transaction response times are not met.

What should you include in the recommendation?

- A. container health
- B. Azure Network Watcher
- C. Application Insights
- D. Service Fabric Analytics

Answer: C

NEW QUESTION 99

- (Exam Topic 3)

You need to recommend a solution for implementing the back-end tier of the payment processing system in Azure.

What should you include in the recommendation?

- A. an Azure SQL Database managed instance
- B. a SQL Server database on an Azure virtual machine
- C. an Azure SQL Database single database
- D. an Azure SQL Database elastic pool

Answer: C

NEW QUESTION 104

- (Exam Topic 3)

You need to recommend a solution for the collection of security logs for the middle tier of the payment processing system.

What should you include in the recommendation?

- A. Azure Notification Hubs
- B. the Azure Diagnostics agent
- C. Azure Event Hubs
- D. the Azure Log Analytics agent

Answer: D

Explanation:

References:

<https://docs.microsoft.com/en-us/azure/azure-monitor/platform/diagnostics-extension-overview>

NEW QUESTION 109

- (Exam Topic 3)

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

- A. availability zones
- B. an availability set
- C. the Premium App Service plan
- D. the Isolated App Server plan

Answer: A

NEW QUESTION 110

- (Exam Topic 3)

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 112

- (Exam Topic 3)

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 117

- (Exam Topic 3)

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 Data Encryption (TDE)
- C. Azure Storage Service Encryption
- D. Always Encrypted with randomized encryption

Answer: A

NEW QUESTION 122

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