Microsoft

Exam Questions AZ-305

Designing Microsoft Azure Infrastructure Solutions

NEW QUESTION 1
- (Exam Topic 1)
How should the migrated databases DB1 and DB2 be implemented in Azure?

Database:
- A single Azure SQL database
- Azure SQL Managed Instance
- An Azure SOL Database elastic pool

Service tier:
- Hyperscale
- Business Critical
- General Purpose

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Table Description automatically generated
Box 1: SQL Managed Instance
Scenario: Once migrated to Azure, DB1 and DB2 must meet the following requirements:
> Maintain availability if two availability zones in the local Azure region fail.
> Fail over automatically.
> Minimize I/O latency.
The auto-failover groups feature allows you to manage the replication and failover of a group of databases on a server or all databases in a managed instance to another region. It is a declarative abstraction on top of the existing active geo-replication feature, designed to simplify deployment and management of geo-replicated databases at scale. You can initiate a geo-failover manually or you can delegate it to the Azure service based on a user-defined policy. The latter option allows you to automatically recover multiple related databases in a secondary region after a catastrophic failure or other unplanned event that results in full or partial loss of the SQL Database or SQL Managed Instance availability in the primary region.
Box 2: Business critical
SQL Managed Instance is available in two service tiers:
General purpose: Designed for applications with typical performance and I/O latency requirements. Business critical: Designed for applications with low I/O latency requirements and minimal impact of
underlying maintenance operations on the workload.
Reference:
https://docs.microsoft.com/en-us/azure/azure-sql/database/auto-failover-group-overview https://docs.microsoft.com/en-us/azure/azure-sql/managed-instance/sql-managed-instance-paas-overview

NEW QUESTION 2
- (Exam Topic 1)
You plan to migrate App1 to Azure. The solution must meet the authentication and authorization requirements. Which type of endpoint should App1 use to obtain an access token?

A. Azure Instance Metadata Service (IMDS)
B. Azure AD
C. Azure Service Management
D. Microsoft identity platform

Answer: D

Explanation:
Scenario: To access the resources in Azure, App1 must use the managed identity of the virtual machines that will host the app.
Managed identities provide an identity for applications to use when connecting to resources that support Azure Active Directory (Azure AD) authentication.
Applications may use the managed identity to obtain Azure AD tokens.
Reference:
https://docs.microsoft.com/en-us/azure/active-directory/managed-identities-azure-resources/overview

NEW QUESTION 3
- (Exam Topic 1)
You need to configure an Azure policy to ensure that the Azure SQL databases have TDE enabled. The solution must meet the security and compliance requirements.
Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions

Create an Azure policy definition that uses the deployIfNotExists effect.

Create a user-assigned managed identity.

Invoke a remediation task.

Create an Azure policy assignment.

Create an Azure policy definition that uses the Modify effect.

Answer Area

A. Mastered
B. Not Mastered

Answer: A

Explanation:
A picture containing text Description automatically generated
Scenario: All Azure SQL databases in the production environment must have Transparent Data Encryption (TDE) enabled.
Step 1: Create an Azure policy definition that uses the deployIfNotExists identity.
The first step is to define the roles that deployIfNotExists and modify needs in the policy definition to successfully deploy the content of your included template.
Step 2: Create an Azure policy assignment
When creating an assignment using the portal, Azure Policy both generates the managed identity and grants it the roles defined in roleDefinitionIds.
Step 3: Invoke a remediation task
Resources that are non-compliant to a deployIfNotExists or modify policy can be put into a compliant state through Remediation. Remediation is accomplished by instructing Azure Policy to run the deployIfNotExists effect or the modify operations of the assigned policy on your existing resources and subscriptions, whether that assignment is to a management group, a subscription, a resource group, or an individual resource.
During evaluation, the policy assignment with deployIfNotExists or modify effects determines if there are non-compliant resources or subscriptions. When non-compliant resources or subscriptions are found, the details are provided on the Remediation page.
Reference:
https://docs.microsoft.com/en-us/azure/governance/policy/how-to/remediate-resources

NEW QUESTION 4
- (Exam Topic 1)
You migrate App1 to Azure. You need to ensure that the data storage for App1 meets the security and compliance requirement
What should you do?

A. Create an access policy for the blob
B. Modify the access level of the blob service.
C. Implement Azure resource locks.
D. Create Azure RBAC assignments.

Answer: A

Explanation:
Scenario: Once App1 is migrated to Azure, you must ensure that new data can be written to the app, and the modification of new and existing data is prevented for a period of three years.
As an administrator, you can lock a subscription, resource group, or resource to prevent other users in your organization from accidentally deleting or modifying critical resources. The lock overrides any permissions the user might have.
Reference:
https://docs.microsoft.com/en-us/azure/azure-resource-manager/management/lock-resources

NEW QUESTION 5
- (Exam Topic 1)
You plan to migrate App1 to Azure.
You need to recommend a storage solution for App1 that meets the security and compliance requirements. Which type of storage should you recommend, and how should you recommend configuring the storage? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

Answer Area

Storage account type:

Premium page blobs
Premium file shares
Standard general-purpose v2

Configuration:

NFSv3
Large file shares
Hierarchical namespace

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Text, table Description automatically generated
Box 1: Standard general-purpose v2
Standard general-purpose v2 supports Blob Storage.
Azure Storage provides data protection for Blob Storage and Azure Data Lake Storage Gen2. Scenario:
Litware identifies the following security and compliance requirements:

> Once App1 is migrated to Azure, you must ensure that new data can be written to the app, and the modification of new and existing data is prevented for a period of three years.

> On-premises users and services must be able to access the Azure Storage account that will host the data in App1.

> Access to the public endpoint of the Azure Storage account that will host the App1 data must be prevented.

> All Azure SQL databases in the production environment must have Transparent Data Encryption (TDE) enabled.

> App1 must NOT share physical hardware with other workloads. Box 2: NFSv3
Scenario: Plan: Migrate App1 to Azure virtual machines.
Blob storage now supports the Network File System (NFS) 3.0 protocol. This support provides Linux file system compatibility at object storage scale and prices and enables Linux clients to mount a container in Blob storage from an Azure Virtual Machine (VM) or a computer on-premises. Reference:
https://docs.microsoft.com/en-us/azure/storage/blobs/data-protection-overview

NEW QUESTION 6
- (Exam Topic 1)
You plan to migrate DB1 and DB2 to Azure.
You need to ensure that the Azure database and the service tier meet the resiliency and business requirements. What should you configure? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

Answer Area

Database:

A single Azure SQL database
Azure SQL Managed Instance
An Azure SQL Database elastic pool

Service tier:

Hyperscale
Business Critical
General Purpose

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

Database:

- A single Azure SQL database
- Azure SQL Managed Instance
- An Azure SQL Database elastic pool

Service tier:

- Hyperscale
- Business Critical
- General Purpose
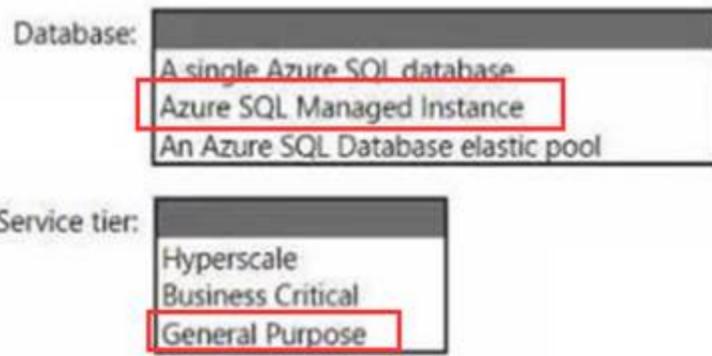
NEW QUESTION 7
- (Exam Topic 2)
You need to recommend a notification solution for the IT Support distribution group. What should you include in the recommendation?

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 8
- (Exam Topic 2)
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

Explanation:
https://docs.microsoft.com/en-us/azure/azure-sql/database/long-term-retention-overview
In Azure SQL Database, you can configure a database with a long-term backup retention policy (LTR) to automatically retain the database backups in separate Azure Blob storage containers for up to 10 years

NEW QUESTION 9
- (Exam Topic 2)
What should you include in the identity management strategy to support the planned changes?

A. Move all the domain controllers from corp.fabrikam.com to virtual networks in Azure.
B. Deploy domain controllers for corp.fabrikam.com to virtual networks in Azure.
C. Deploy a new Azure AD tenant for the authentication of new R&D projects.
D. Deploy domain controllers for the rd.fabrikam.com forest to virtual networks in Azure.

Answer: B

Explanation:
Directory synchronization between Azure Active Directory (Azure AD) and corp.fabrikam.com must not be affected by a link failure between Azure and the on-premises network. (This requires domain controllers in Azure)
Users on the on-premises network must be able to authenticate to corp.fabrikam.com if an Internet link fails. (This requires domain controllers on-premises)

NEW QUESTION 10
- (Exam Topic 2)
You are evaluating the components of the migration to Azure that require you to provision an Azure Storage account.
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
You must provision an Azure Storage account for the SQL Server database migration.	○	○
You must provision an Azure Storage account for the Web site content storage.	○	○
You must provision an Azure Storage account for the Database metric monitoring.	○	○

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Statements	Yes	No
You must provision an Azure Storage account for the SQL Server database migration.	⦿	○
You must provision an Azure Storage account for the Web site content storage.	○	⦿
You must provision an Azure Storage account for the Database metric monitoring.	⦿	○

NEW QUESTION 10
- (Exam Topic 2)
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
1
2
3
4

Minimum number of custom domains to add: ▼
0
1
2
3
4

Minimum number of conditional access policies to create: ▼
0
1
2
3
4

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Minimum number of Azure AD tenants:

0
1
2
3
4

Minimum number of custom domains to add:

0
1
2
3
4

Minimum number of conditional access policies to create:

0
1
2
3
4

NEW QUESTION 12
- (Exam Topic 3)
You need to recommend a solution that meets the data requirements for App1.
What should you recommend deploying to each availability zone that contains an instance of App1?

A. an Azure Cosmos DB that uses multi-region writes
B. an Azure Storage account that uses geo-zone-redundant storage (GZRS)
C. an Azure Data Lake store that uses geo-zone-redundant storage (GZRS)
D. an Azure SQL database that uses active geo-replication

Answer: A

NEW QUESTION 13
- (Exam Topic 3)
You need to recommend a solution to ensure that App1 can access the third-party credentials and access strings. The solution must meet the security requirements.
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.

Authenticate App1 by using:

A certificate
A service principal
A system-assigned managed identity
A user-assigned managed identity

Authorize App1 to retrieve Key Vault secrets by using:

An access policy
A connected service
A private link
A role assignment

A. Mastered
B. Not Mastered

Answer: A

Explanation:
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Scenario: Security Requirement
All secrets used by Azure services must be stored in Azure Key Vault.
Services that require credentials must have the credentials tied to the service instance. The credentials must NOT be shared between services.

Box 1: A service principal
A service principal is a type of security principal that identifies an application or service, which is to say, a piece of code rather than a user or group. A service principal's object ID is known as its client ID and acts like its username. The service principal's client secret acts like its password.
Note: Authentication with Key Vault works in conjunction with Azure Active Directory (Azure AD), which is responsible for authenticating the identity of any given security principal.
A security principal is an object that represents a user, group, service, or application that's requesting access to Azure resources. Azure assigns a unique object ID to every security principal.
Box 2: A role assignment
You can provide access to Key Vault keys, certificates, and secrets with an Azure role-based access control.
Reference:
https://docs.microsoft.com/en-us/azure/key-vault/general/authentication

NEW QUESTION 18
- (Exam Topic 3)
What should you recommend lo meet the monitoring requirements for App2?

A. Azure Application Insights
B. Container insights
C. Microsoft Sentinel
D. VM insights

Answer: A

NEW QUESTION 19
- (Exam Topic 3)
You need to recommend an App Service architecture that meets the requirements for Appl. The solution must minimize costs.
What should few recommend?

A. one App Service Environment (ASE) per availability zone
B. one App Service plan per availability zone
C. one App Service plan per region
D. one App Service Environment (ASE) per region

Answer: D

NEW QUESTION 20
- (Exam Topic 3)
You need to recommend a solution that meets the application development requirements. What should you include in the recommendation?

A. the Azure App Configuration service
B. Continuous Integration/Continuous Deployment (CI/CD) sources
C. deployment slots
D. an Azure Container Registry instance

Answer: C

NEW QUESTION 23
- (Exam Topic 4)
A company has an on-premises file server cbflserver that runs Windows Server 2019. Windows Admin Center manages this server. The company owns an Azure subscription. You need to provide an Azure solution to prevent data loss if the file server fails.
Solution: You decide to create an Azure Recovery Services vault. You then decide to install the Azure Backup agent and then schedule the backup. Would this meet the requirement?

A. Yes
B. No

Answer: A

NEW QUESTION 28
- (Exam Topic 4)
What two parameters would you recommend set up to ensure that the new IPSCustomers database will scale to meet the workload demands?

A. Define the maximum of CPU cores
B. Define the maximum resource limit per group of databases
C. Define the maximum of Database Transaction Units
D. Define the maximum of the allocated storage
E. Define the maximum size for a database

Answer: CE

NEW QUESTION 33
- (Exam Topic 5)
You need to design a solution that will execute custom C# code in response to an event routed to Azure Event Grid. The solution must meet the following requirements:
> The executed code must be able to access the private IP address of a Microsoft SQL Server instance that runs on an Azure virtual machine.
Costs must be minimized.

What should you include in the solution?

A. Azure Logic Apps in the integrated service environment
B. Azure Functions in the Dedicated plan and the Basic Azure App Service plan
C. Azure Logic Apps in the Consumption plan
D. Azure Functions in the Consumption plan

Answer: D

Explanation:
When you create a function app in Azure, you must choose a hosting plan for your app. There are three basic hosting plans available for Azure Functions: Consumption plan, Premium plan, and Dedicated (App Service) plan.
For the Consumption plan, you don't have to pay for idle VMs or reserve capacity in advance. Connect to private endpoints with Azure Functions
As enterprises continue to adopt serverless (and Platform-as-a-Service, or PaaS) solutions, they often need a way to integrate with existing resources on a virtual network. These existing resources could be databases, file storage, message queues or event streams, or REST APIs.
Reference:
https://docs.microsoft.com/en-us/azure/azure-functions/functions-scale https://techcommunity.microsoft.com/t5/azure-functions/connect-to-private-endpoints-with-azure-functions/ba-p

NEW QUESTION 34
- (Exam Topic 5)
Your organization has developed and deployed several Azure App Service Web and API applications. The applications use Azure Key Vault to store several authentication, storage account, and data encryption keys.
Several departments have the following requests to support the applications:

Department	Request
Security	• Review membership of administrative roles and require to provide a justification for continued membership • Get alerts about changes in administrator assignments. • See a history of administrator activation, including which changes administrators made to Azure resources.
Development	• Enable the applications to access Azure Key Vault and retrieve keys for use in code.
Quality Assurance	• Receive temporary administrator access to create and configure additional Web and API applications in the test environment.

You need to recommend the appropriate Azure service for each department request.
What should you recommend? To answer, configure the appropriate options in the dialog box in the answer area.
NOTE: Each correct selection is worth one point.

Department   **Azure Service**

Security
- Azure AD Privileged Identity Management
- Azure AD Managed Service Identity
- Azure AD Connect
- Azure AD Identity Protection

Development
- Azure AD Privileged Identity Management
- Azure AD Managed Service Identity
- Azure AD Connect
- Azure AD Identity Protection

Quality Assurance
- Azure AD Privileged Identity Management
- Azure AD Managed Service Identity
- Azure AD Connect
- Azure AD Identity Protection

A. Mastered
B. Not Mastered

Answer: A

Explanation:
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https://docs.microsoft.com/en-us/azure/active-directory/managed-identities-azure-resources/overview

NEW QUESTION 38
- (Exam Topic 5)
You plan to deploy a containerized web app that will be hosted in five Azure Kubernetes Service (AKS) clusters. Each cluster will be hosted in a different Azure region.
You need to provide access to the app from the internet. The solution must meet the following requirements:
• Incoming HTTPS requests must be routed to the cluster that has the lowest network latency.
• HTTPS traffic to individual pods must be routed via an ingress controller.
• In the event of an AKS cluster outage, failover time must be minimized.

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

Answer Area

For global load balancing:
- Azure Front Door
- Azure Traffic Manager
- Cross-region load balancing in Azure
- Standard Load Balancer

As the ingress controller:
- Azure Application Gateway
- Azure Standard Load Balancer
- Basic Azure Load Balancer

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

For global load balancing:
- Azure Front Door
- Azure Traffic Manager
- Cross-region load balancing in Azure
- Standard Load Balancer

As the ingress controller:
- Azure Application Gateway
- Azure Standard Load Balancer
- Basic Azure Load Balancer

NEW QUESTION 39
- (Exam Topic 5)
You have an on-premises application named App1 that uses an Oracle database.
You plan to use Azure Databricks to transform and load data from App1 to an Azure Synapse Analytics instance.
You need to ensure that the App1 data is available to Databricks.
Which two Azure services should you include in the solution? Each correct answer presents part of the solution.
NOTE: Each correct selection is worth one point.

A. Azure Data Box Edge
B. Azure Data Lake Storage
C. Azure Data Factory
D. Azure Data Box Gateway
E. Azure Import/Export service

Answer: CE

NEW QUESTION 40
- (Exam Topic 5)
You plan to deploy an application named App1 that will run in containers on Azure Kubernetes Service (AKS) clusters. The AKS clusters will be distributed across four Azure regions.
You need to recommend a storage solution to ensure that updated container images are replicated automatically to all the Azure regions hosting the AKS clusters.
Which storage solution should you recommend?

A. Azure Cache for Redis
B. Premium SKU Azure Container Registry
C. Azure Content Delivery Network (CON)
D. geo-redundant storage (GRS) accounts

Answer: B

NEW QUESTION 42
- (Exam Topic 5)
You have an Azure subscription named Subscription1 that is linked to a hybrid Azure Active Directory (Azure AD) tenant.
You have an on-premises datacenter that does NOT have a VPN connection to Subscription1. The datacenter contains a computer named Server1 that has Microsoft SQL Server 2016 installed. Server1 is prevented from accessing the internet.
An Azure logic app named LogicApp1 requires write access to a database on Server1.
You need to recommend a solution to provide LogicApp1 with the ability to access Server1.
What should you recommend deploying on-premises and in Azure? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

Answer Area

On-premises:

A Web Application Proxy for Windows Server
An Azure AD Application Proxy connector
An On-premises data gateway
Hybrid Connection Manager

Azure:

A connection gateway resource
An Azure Application Gateway
An Azure Event Grid domain
An enterprise application

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Graphical user interface, text, application, chat or text message Description automatically generated
Box 1: An on-premises data gateway
For logic apps in global, multi-tenant Azure that connect to on-premises SQL Server, you need to have the on-premises data gateway installed on a local computer and a data gateway resource that's already created in
Azure.
Box 2: A connection gateway resource Reference:
https://docs.microsoft.com/en-us/azure/connectors/connectors-create-api-sqlazure

NEW QUESTION 46
- (Exam Topic 5)
You have an Azure subscription that contains the resources shown in the following table.

Name	Type	Description
App1	Azure App Service app	None
Workspace1	Log Analytics workspace	Configured to use a pay-as-you-go pricing tier
App1Logs	Log Analytics table	Hosted in Workspace1 Configured to use the Analytics Logs data plan

Log files from App1 are ingested to App 1 Logs. An average of 120 GB of log data is ingested per day. You configure an Azure Monitor alert that will be triggered if the App1 logs contain error messages.
You need to minimize the Log Analytics costs associated with App1. The solution must meet the following requirements:
• Ensure that all the log files from App1 are ingested to App 1 Logs.
• Minimize the impact on the Azure Monitor alert.
Which resource should you modify, and which modification should you perform? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

Answer Area

Resource:
- App1
- App1Logs
- Workspace1

Modification:
- Change to a commitment pricing tier.
- Change to the Basic Logs data plan.
- Set a daily cap.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
A screenshot of a computer Description automatically generated

NEW QUESTION 50
- (Exam Topic 5)
You plan to use Azure SQL as a database platform.
You need to recommend an Azure SQL product and service tier that meets the following requirements:
• Automatically scales compute resources based on the workload demand
• Provides per second billing
What should you recommend? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

Answer Area

Azure SQL product: An Azure SQL Database elastic pool
- A single Azure SQL database
- An Azure SQL Database elastic pool
- Azure SQL Managed Instance

Service tier: Business Critical
- Basic
- Business Critical
- General Purpose
- Hyperscale
- Standard

A. Mastered
B. Not Mastered

Answer: A

Explanation:
A screenshot of a computer Description automatically generated
"Serverless is a compute tier for single databases in Azure SQL Database that automatically scales compute based on workload demand and bills for the amount of compute used per second. The serverless compute tier is available in the General Purpose service tier and currently in preview in the Hyperscale service tier."
https://learn.microsoft.com/en-us/azure/azure-sql/database/serverless-tier-overview

NEW QUESTION 51
- (Exam Topic 5)
You have SQL Server on an Azure virtual machine. The databases are written to nightly as part of a batch process.
You need to recommend a disaster recovery solution for the data. The solution must meet the following
requirements:

≫ Provide the ability to recover in the event of a regional outage.

≫ Support a recovery time objective (RTO) of 15 minutes.

≫ Support a recovery point objective (RPO) of 24 hours.

≫ Support automated recovery.

≫ Minimize costs.
What should you include in the recommendation?

A. Azure virtual machine availability sets
B. Azure Disk Backup
C. an Always On availability group
D. Azure Site Recovery

Answer: D

Explanation:
Replication with Azure Site Recover:
> RTO is typically less than 15 minutes.
> RPO: One hour for application consistency and five minutes for crash consistency. Reference:
https://docs.microsoft.com/en-us/azure/site-recovery/site-recovery-sql

NEW QUESTION 53
- (Exam Topic 5)
You are designing a solution that will include containerized applications running in an Azure Kubernetes Service (AKS) cluster.
You need to recommend a load balancing solution for HTTPS traffic. The solution must meet the following requirements:
> Automatically configure load balancing rules as the applications are deployed to the cluster.
> Support Azure Web Application Firewall (WAF).
> Support cookie-based affinity.
> Support URL routing.
What should you include the recommendation?

A. an NGINX ingress controller
B. Application Gateway Ingress Controller (AGIC)
C. an HTTP application routing ingress controller
D. the Kubernetes load balancer service

Answer: B

Explanation:
Much like the most popular Kubernetes Ingress Controllers, the Application Gateway Ingress Controller provides several features, leveraging Azure's native Application Gateway L7 load balancer. To name a few:
> URL routing
> Cookie-based affinity
> Secure Sockets Layer (SSL) termination
> End-to-end SSL
> Support for public, private, and hybrid web sites
> Integrated support of Azure web application firewall
Application Gateway redirection support isn't limited to HTTP to HTTPS redirection alone. This is a generic redirection mechanism, so you can redirect from and to any port you define using rules. It also supports redirection to an external site as well.
Reference:
https://docs.microsoft.com/en-us/azure/application-gateway/features

NEW QUESTION 55
- (Exam Topic 5)
You have an on-premises Microsoft SQL Server 2008 instance that hosts a 50-GB database.
You need to migrate the database to an Azure SQL managed instance. The solution must minimize downtime. What should you use?

A. Azure Migrate
B. WANdisco LiveData Platform for Azure
C. Azure Data Studio
D. SQL Server Management Studio (SSMS)

Answer: C

NEW QUESTION 56
- (Exam Topic 5)
You plan provision a High Performance Computing (HPC) cluster in Azure that will use a third-party scheduler.
You need to recommend a solution to provision and manage the HPC cluster node. What should you include in the recommendation?

A. Azure Lighthouse
B. Azure CycleCloud
C. Azure Purview
D. Azure Automation

Answer: B

Explanation:
You can dynamically provision Azure HPC clusters with Azure CycleCloud. Azure CycleCloud is the simplest way to manage HPC workloads.
Note: Azure CycleCloud is an enterprise-friendly tool for orchestrating and managing High Performance Computing (HPC) environments on Azure. With CycleCloud, users can provision infrastructure for HPC systems, deploy familiar HPC schedulers, and automatically scale the infrastructure to run jobs efficiently at any scale. Through CycleCloud, users can create different types of file systems and mount them to the compute cluster nodes to support HPC workloads.
Reference:
https://docs.microsoft.com/en-us/azure/cyclecloud/overview

NEW QUESTION 60
- (Exam Topic 5)
You are designing an app that will be hosted on Azure virtual machines that run Ubuntu. The app will use a third-party email service to send email messages to users. The third-party email service requires that the app authenticate by using an API key.
You need to recommend an Azure Key Vault solution for storing and accessing the API key. The solution must minimize administrative effort.
What should you recommend using to store and access the key? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

Answer Area

Storage: | Secret ▼ |
Certificate
Key
Secret

Access: | A managed service identity (MSI) ▼ |
An API token
A managed service identity (MSI)
A service principal

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Answer Area

Storage: | Secret ▼ |
Certificate
Key
[Secret]

Access: | A managed service identity (MSI) ▼ |
An API token
[A managed service identity (MSI)]
A service principal
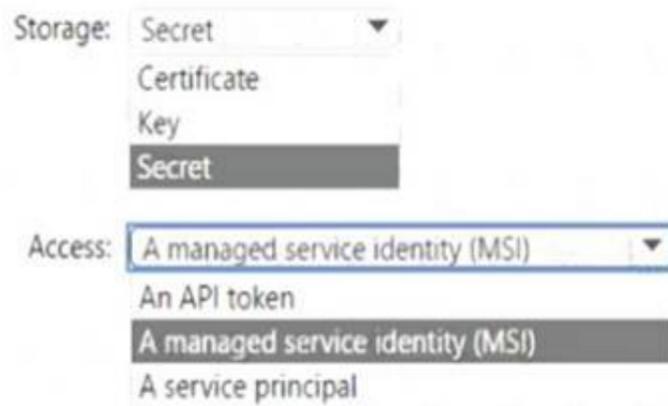
NEW QUESTION 62
- (Exam Topic 5)
Your company has offices in the United States, Europe, Asia, and Australia.
You have an on-premises app named App1 that uses Azure Table storage. Each office hosts a local instance of App1.
You need to upgrade the storage for App1. The solution must meet the following requirements:
➢ Enable simultaneous write operations in multiple Azure regions.
➢ Ensure that write latency is less than 10 ms.
➢ Support indexing on all columns.
➢ Minimize development effort. Which data platform should you use?

A. Azure SQL Database
B. Azure SQL Managed Instance
C. Azure Cosmos DB
D. Table storage that uses geo-zone-redundant storage (GZRS) replication

Answer: D

Explanation:
Azure Cosmos DB Table API has
➢ Single-digit millisecond latency for reads and writes, backed with <10-ms latency reads and <15-ms latency writes at the 99th percentile, at any scale, anywhere in the world.
➢ Automatic and complete indexing on all properties, no index management.
➢ Turnkey global distribution from one to 30+ regions. Support for automatic and manual failovers at any time, anywhere in the world. Reference:
https://docs.microsoft.com/en-us/azure/cosmos-db/table-support

NEW QUESTION 63
- (Exam Topic 5)
You have an Azure subscription.
You need to recommend an Azure Kubernetes service (AKS) solution that will use Linux nodes. The solution must meet the following requirements:
• Minimize the time it takes to provision compute resources during scale-out operations.
• Support autoscaling of Linux containers.

• Minimize administrative effort.
Which scaling option should you recommend?

A. Virtual Kubetet
B. cluster autoscaler
C. virtual nodes
D. horizontal pod autoscaler

Answer: B

Explanation:
https://docs.microsoft.com/en-us/azure/aks/virtual-nodes

NEW QUESTION 64
- (Exam Topic 5)
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 may need to drag the split bar between panes or scroll to view content.
NOTE: Each correct selection is worth one point.
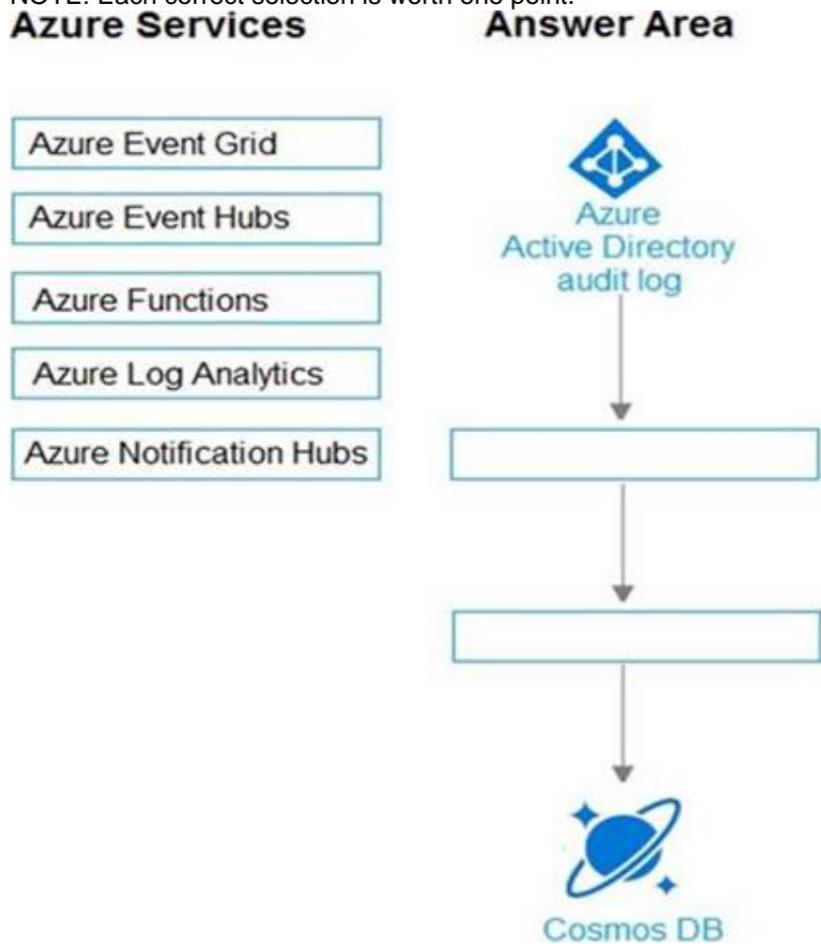
A. Mastered
B. Not Mastered

Answer: A

Explanation:
Diagram Description automatically generated
* 1. AAD audit log -> Event Hub (other two choices, LAW, storage, but not available in this question) https://docs.microsoft.com/en-us/azure/active-directory/reports-monitoring/tutorial-azure-monitor-stream-logs-t
* 2. Azure function has the Event hub trigger and Cosmos output binding
* a. Event Hub trigger for function
https://docs.microsoft.com/en-us/azure/azure-functions/functions-bindings-event-hubs-trigger?tabs=csharp

NEW QUESTION 66
- (Exam Topic 5)
You plan to deploy multiple instances of an Azure web app across several Azure regions.
You need to design an access solution for the app. The solution must meet the following replication requirements:
• Support rate limiting.
• Balance requests between all instances.
• Ensure that users can access the app in the event of a regional outage. Solution: You use Azure Front Door to provide access to the app. Does this meet the goal?

A. Yes
B. No

Answer: A

NEW QUESTION 67
- (Exam Topic 5)
You have an Azure virtual machine named VM1 that runs Windows Server 2019 and contains 500 GB of data files.

You are designing a solution that will use Azure Data Factory to transform the data files, and then load the files to Azure Data Lake Storage
What should you deploy on VM1 to support the design?

A. the self-hosted integration runtime
B. the Azure Pipelines agent
C. the On-premises data gateway
D. the Azure File Sync agent

Answer: A

NEW QUESTION 69
- (Exam Topic 5)
You are designing a microservices architecture that will be hosted in an Azure Kubernetes Service (AKS) cluster. Apps that will consume the microservices will be hosted on Azure virtual machines. The virtual machines and the AKS cluster will reside on the same virtual network.
You need to design a solution to expose the microservices to the consumer apps. The solution must meet the following requirements:
• Ingress access to the microservices must be restricted to a single private IP address and protected by using mutual TLS authentication.
• The number of incoming microservice calls must be rate-limited.
• Costs must be minimized.
What should you include in the solution?

A. Azure API Management Premium tier with virtual network connection
B. Azure Front Door with Azure Web Application Firewall (WAF)
C. Azure API Management Standard tier with a service endpoint
D. Azure App Gateway with Azure Web Application Firewall (WAF)

Answer: A

Explanation:
One option is to deploy APIM (API Management) inside the cluster VNet.
The AKS cluster and the applications that consume the microservices might reside within the same VNet, hence there is no reason to expose the cluster publicly as all API traffic will remain within the VNet. For these scenarios, you can deploy API Management into the cluster VNet. API Management Premium tier supports VNet deployment.
Reference:
https://docs.microsoft.com/en-us/azure/api-management/api-management-kubernetes

NEW QUESTION 74
- (Exam Topic 5)
You have .NeT web service named service1 that has the following requirements.

≫ Must read and write to the local file system.

≫ Must write to the Windows Application event log.
You need to recommend a solution to host Service1 in Azure.
The solution must meet the following requirements:

≫ Minimize maintenance overhead.

≫ Minimize costs.
What should you include in the recommendation?

A. an Azure App Service web app
B. an Azure virtual machine scale set
C. an App Service Environment (ASE)
D. an Azure Functions app

Answer: A

Explanation:
https://social.msdn.microsoft.com/Forums/vstudio/en-US/294b9e3e-e89c-4095-b8d0-ee1646e77268/writing-to-l

NEW QUESTION 77
- (Exam Topic 5)
You have an Azure AD tenant that contains a management group named MG1. You have the Azure subscriptions shown in the following table.

Name	Management group
Sub1	MG1
Sub2	MG1
Sub3	Tenant Root Group

The subscriptions contain the resource groups shown in the following table.

Name	Subscription
RG1	Sub1
RG2	Sub2
RG3	Sub3

The subscription contains the Azure AD security groups shown in the following table.

Name	Member of
Group1	Group3
Group2	Group3
Group3	None

The subscription contains the user accounts shown in the following table.

Name	Member of
User1	Group1
User2	Group2
User3	Group1, Group2

You perform the following actions:
• Assign User3 the Contributor role for Sub1.
• Assign Group1 the Virtual Machine Contributor role for MG1.
• Assign Group3 the Contributor role for the Tenant Root Group.
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
User1 can create a new virtual machine in RG1.	○	○
User2 can grant permissions to Group2.	○	○
User3 can create a storage account in RG2.	○	○

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

Statements	Yes	No
User1 can create a new virtual machine in RG1.	○	☐○☐
User2 can grant permissions to Group2.	☐○☐	○
User3 can create a storage account in RG2.	☐○☐	○

NEW QUESTION 79
- (Exam Topic 5)
You have an on-premises Microsoft SQL Server database named SQL1. You plan to migrate SQL 1 to Azure.
You need to recommend a hosting solution for SQL1. The solution must meet the following requirements:
• Support the deployment of multiple secondary, read-only replicas.
• Support automatic replication between primary and secondary replicas.
• Support failover between primary and secondary replicas within a 15-minute recovery time objective (RTO).

Answer Area

Azure service or service tier:

Azure SQL Database
Azure SQL Managed Instance
The Hyperscale service tier

Replication mechanism:

Active geo-replication
Auto-failover groups
Standard geo-replication

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

Azure service or service tier:

Azure SQL Database
Azure SQL Managed Instance
The Hyperscale service tier

Replication mechanism:

Active geo-replication
Auto-failover groups
Standard geo-replication

NEW QUESTION 84
- (Exam Topic 5)
You have an Azure Load Balancer named LB1 that balances requests to five Azure virtual machines. You need to develop a monitoring solution for LB1. The solution must generate an alert when any of the
following conditions are met:

≫ A virtual machine is unavailable.

≫ Connection attempts exceed 50,000 per minute.

Which signal should you include in the solution for each condition? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

An unavailable virtual machine:

Byte Count
Data Path Availability
Health Probe Status
Packet Count
SYN Count

More than 50,000 connection attempts per minute:

Byte Count
Data Path Availability
Health Probe Status
Packet Count
SYN Count

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Graphical user interface, text, application Description automatically generated
Box 1: Data path availability
Standard Load Balancer continuously exercises the data path from within a region to the load balancer front end, all the way to the SDN stack that supports your VM. As long as healthy instances remain, the measurement follows the same path as your application's load-balanced traffic. The data path that your customers use is also validated. The measurement is invisible to your application and does not interfere with other operations.
Note: Load balancer distributes inbound flows that arrive at the load balancer's front end to backend pool instances. These flows are according to configured load-balancing rules and health probes. The backend pool instances can be Azure Virtual Machines or instances in a virtual machine scale set.
Box 2: SYN count
SYN (synchronize) count: Standard Load Balancer does not terminate Transmission Control Protocol (TCP) connections or interact with TCP or UDP packet flows. Flows and their handshakes are always between the source and the VM instance. To better troubleshoot your TCP protocol scenarios, you can make use of SYN packets counters to understand how many TCP connection attempts are made. The metric reports the number of TCP SYN packets that were received.
Reference:
https://docs.microsoft.com/en-us/azure/load-balancer/load-balancer-standard-diagnostics

NEW QUESTION 88
- (Exam Topic 5)
You have the Azure resources shown in the following table.

Name	Type	Location
US-Central-Firewall-policy	Azure Firewall policy	Central US
US-East-Firewall-policy	Azure Firewall policy	East US
EU-Firewall-policy	Azure Firewall policy	West Europe
USEastfirewall	Azure Firewall	Central US
USWestfirewall	Azure Firewall	East US
EUFirewall	Azure Firewall	West Europe

You need to deploy a new Azure Firewall policy that will contain mandatory rules for all Azure Firewall deployments. The new policy will be configured as a parent policy for the existing policies.
What is the minimum number of additional Azure Firewall policies you should create?

A. 1
B. 2
C. 3

Answer: B

Explanation:
Firewall policies work across regions and subscriptions. Place all your global configurations in the parent policy.
Note: Policies can be created in a hierarchy. You can create a parent/global policy that will contain configurations and rules that will apply to all/a number of firewall instances. Then you create a child policy that inherits from the parent; note that rules changes in the parent instantly appear in the child. The child is associated with a firewall and applies configurations/rules from the parent policy and the child policy instantly to the firewall.
Reference: https://aidanfinn.com/?p=22006

NEW QUESTION 90
- (Exam Topic 5)
Your company has offices in New York City, Sydney, Paris, and Johannesburg. The company has an Azure subscription.
You plan to deploy a new Azure networking solution that meets the following requirements:
• Connects to ExpressRoute circuits in the Azure regions of East US, Southeast Asia, North Europe, and South Africa
• Minimizes latency by supporting connections in three regions
• Supports Site-to-Site VPN connections
• Minimizes costs
You need to identify the minimum number of Azure Virtual WAN hubs that you must deploy, and which virtual WAN SKU to use. What should you identify? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

Answer Area

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

Number of Virtual WAN hubs: 3 ▼
1
2
3
4

Virtual WAN SKU: Standard ▼
Basic
Standard

NEW QUESTION 93

- (Exam Topic 5)

A company plans to implement an HTTP-based API to support a web app. The web app allows customers to check the status of their orders.

The API must meet the following requirements:

≫ Implement Azure Functions

≫ Provide public read-only operations

≫ Do not allow write operations

You need to recommend configuration options.

What should you recommend? To answer, configure the appropriate options in the dialog box in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Topic	Value
Allowed authentication methods	▼
	All methods
	GET only
	GET and POST only
	GET, POST, and OPTIONS only
Authorization level	▼
	Function
	Anonymous
	Admin

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Graphical user interface, table Description automatically generated

Allowed authentication methods: GET only Authorization level: Anonymous

The option is Allow Anonymous requests. This option turns on authentication and authorization in App Service, but defers authorization decisions to your application code. For authenticated requests, App Service also passes along authentication information in the HTTP headers.

This option provides more flexibility in handling anonymous requests. References:

https://docs.microsoft.com/en-us/azure/app-service/overview-authentication-authorization

NEW QUESTION 96

- (Exam Topic 5)

You have an Azure subscription that contains a virtual network named VNET1 and 10 virtual machines. The virtual machines are connected to VNET1.

You need to design a solution to manage the virtual machines from the internet. The solution must meet the following requirements:

• Incoming connections to the virtual machines must be authenticated by using Azure Multi-Factor Authentication (MFA) before network connectivity is allowed.

• Incoming connections must use TLS and connect to TCP port 443.

• The solution must support RDP and SSH.

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.

Answer Area

To provide access to virtual machines on VNET1, use:

Azure Bastion
Just-in-time (JIT) VM access
Azure Web Application Firewall (WAF) in Azure Front Door

To enforce Azure MFA, use:

An Azure Identity Governance access package
A Conditional Access policy that has the Cloud apps assignment set to Azure Windows VM Sign-In
A Conditional Access policy that has the Cloud apps assignment set to Microsoft Azure Management

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

To provide access to virtual machines on VNET1, use:

Azure Bastion
Just-in-time (JIT) VM access
Azure Web Application Firewall (WAF) in Azure Front Door

To enforce Azure MFA, use:

An Azure Identity Governance access package
A Conditional Access policy that has the Cloud apps assignment set to Azure Windows VM Sign-In
A Conditional Access policy that has the Cloud apps assignment set to Microsoft Azure Management

NEW QUESTION 100
- (Exam Topic 5)
You have an Azure subscription. The subscription contains a tiered app named App1 that is distributed across multiple containers hosted in Azure Container Instances.
You need to deploy an Azure Monitor monitoring solution for App1. The solution must meet the following requirements:
• Support using synthetic transaction monitoring to monitor traffic between the App1 components.
• Minimize development effort.
What should you include in the solution?

A. Network Insights
B. Application Insights
C. Container insights
D. Log Analytics Workspace Insights

Answer: B

NEW QUESTION 103
- (Exam Topic 5)
You configure OAuth2 authorization in API Management as shown in the following exhibit.

Add OAuth2 service
API Management service

Display name *

Unique name used to reference this authorization server on t...

Id * ⓘ

✓

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*

Use the drop-down menus 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.

Answer Area

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

Background services
Headless device authentication
Web applications

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

Client credentials
Resource owner password
Support state parameter

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Graphical user interface, text, application, email Description automatically generated
Box 1: Web applications
The Authorization Code Grant Type is used by both web apps and native apps to get an access token after a user authorizes an app.
Note: The Authorization Code grant type is used by confidential and public clients to exchange an authorization code for an access token.
After the user returns to the client via the redirect URL, the application will get the authorization code from the URL and use it to request an access token.
Reference:
https://developer.okta.com/blog/2018/04/10/oauth-authorization-code-grant-type https://connect2id.com/products/server/docs/guides/client-registration

NEW QUESTION 107
- (Exam Topic 5)
Your company currently has an application that is hosted on their on-premises environment. The application currently connects to two databases in the on-premises environment. The databases are named whizlabdb1 and whizlabdb2.
You have to move the databases onto Azure. The databases have to support server-side transactions across both of the databases.
Solution: You decide to deploy the databases to an Azure SQL database-managed instance. Would this fulfill the requirement?

A. Yes

B. No

Answer: A

NEW QUESTION 112
- (Exam Topic 5)
You are designing a cost-optimized solution that uses Azure Batch to run two types of jobs on Linux nodes. The first job type will consist of short-running tasks for a development environment. The second job type will consist of long-running Message Passing Interface (MPI) applications for a production environment that requires timely job completion.
You need to recommend the pool type and node type for each job type. The solution must minimize compute charges and leverage Azure Hybrid Benefit whenever possible.
What should you recommend? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

Answer Area

First job: User subscription and low-priority virtual machines ▼
- Batch service and dedicated virtual machines
- User subscription and dedicated virtual machines
- **User subscription and low-priority virtual machines**

Second job: Batch service and dedicated virtual machines ▼
- **Batch service and dedicated virtual machines**
- User subscription and dedicated virtual machines
- User subscription and low-priority virtual machines
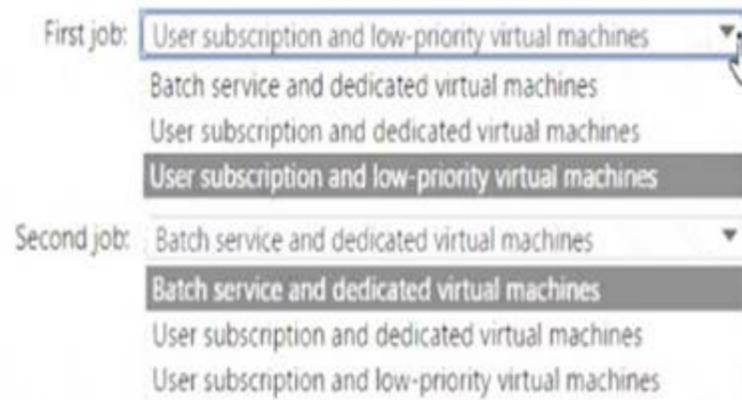
A. Mastered
B. Not Mastered

Answer: A

Explanation:
Graphical user interface, text, application Description automatically generated

NEW QUESTION 117
- (Exam Topic 5)
You are designing a message application that will run on an on-premises Ubuntu virtual machine. The application will use Azure Storage queues.
You need to recommend a processing solution for the application to interact with the storage queues. The solution must meet the following requirements:
➢ Create and delete queues daily.
➢ Be scheduled by using a CRON job.
➢ Upload messages every five minutes.
What should developers use to interact with the queues?

A. Azure CLI
B. AzCopy
C. Azure Data Factory
D. .NET Core

Answer: D

Explanation:
Reference:
https://docs.microsoft.com/en-us/azure/storage/queues/storage-tutorial-queues

NEW QUESTION 118
- (Exam Topic 5)
Your company, named Contoso, Ltd., implements several Azure logic apps that have HTTP triggers. The logic apps provide access to an on-premises web service.
Contoso establishes a partnership with another company named Fabrikam. IncL
Fabrikam does not have an existing Azure Active Directory (Azure AD) tenant and uses third-party OAuth 2.0 identity management to authenticate its users.
I Developers at Fabrikam plan to use a subset of the logic apps to build applications that will integrate with the on-premises web service of Contoso.
You need to design a solution to provide the Fabrikam developers with access to the logic apps. The solution must meet the following requirements:
• Requests to the logic apps from the developers must be limited to lower rates than the requests from the users at Contoso.
• The developers must be able to rely on their existing OAuth 2.0 provider to gain access to the logic apps.
• The solution must NOT require changes to the logic apps.
• The solution must NOT use Azure AD guest accounts. What should you include in the solution?

A. Azure AD business-to-business (B2B)
B. Azure AD Application Proxy
C. Azure Front Door
D. Azure API Management

Answer: B

Explanation:
API Management helps organizations publish APIs to external, partner, and internal developers to unlock the potential of their data and services.

You can secure API Management using the OAuth 2.0 client credentials flow. Reference:
https://docs.microsoft.com/en-us/azure/api-management/api-management-key-concepts https://docs.microsoft.com/en-us/azure/api-management/api-management-features https://docs.microsoft.com/en-us/azure/api-management/api-management-howto-protect-backend-with-aad#ena

NEW QUESTION 123
- (Exam Topic 5)
You have an Azure subscription. The subscription contains an app that is hosted in the East US, Central Europe, and East Asia regions.
You need to recommend a data-tier solution for the app. The solution must meet the following requirements: ⟫ Support multiple consistency levels.

⟫ Be able to store at least 1 TB of data.

⟫ Be able to perform read and write operations in the Azure region that is local to the app instance. What should you include in the recommendation?

A. an Azure Cosmos DB database
B. a Microsoft SQL Server Always On availability group on Azure virtual machines
C. an Azure SQL database in an elastic pool
D. Azure Table storage that uses geo-redundant storage (GRS) replication

Answer: A

Explanation:
Azure Cosmos DB approaches data consistency as a spectrum of choices. This approach includes more options than the two extremes of strong and eventual consistency. You can choose from five well-defined
levels on the consistency spectrum.
With Cosmos DB any write into any region must be replicated and committed to all configured regions within the account.
Reference:
https://docs.microsoft.com/en-us/azure/cosmos-db/consistency-levels-tradeoffs

NEW QUESTION 124
- (Exam Topic 5)
You are designing an Azure solution.
The network traffic for the solution must be securely distributed by providing the following features:
⟫ HTTPS protocol
⟫ Round robin routing
⟫ SSL offloading
You need to recommend a load balancing option. What should you recommend?

A. Azure Load Balancer
B. Azure Traffic Manager
C. Azure Internal Load Balancer (ILB)
D. Azure Application Gateway

Answer: D

Explanation:
If you are looking for Transport Layer Security (TLS) protocol termination ("SSL offload") or per-HTTP/HTTPS
request, application-layer processing, review Application Gateway.
Application Gateway is a layer 7 load balancer, which means it works only with web traffic (HTTP, HTTPS, WebSocket, and HTTP/2). It supports capabilities such as SSL termination, cookie-based session affinity, and round robin for load-balancing traffic. Load Balancer load-balances traffic at layer 4 (TCP or UDP).
References:
https://docs.microsoft.com/en-us/azure/application-gateway/application-gateway-faq

NEW QUESTION 127
- (Exam Topic 5)
Your company plans to publish APIs for its services by using Azure API Management. You discover that service responses include the AspNet-Version header.
You need to recommend a solution to remove AspNet-Version from the response of the published APIs. What should you include in the recommendation?

A. a new product
B. a modification to the URL scheme
C. a new policy
D. a new revision

Answer: C

Explanation:
 References:
https://docs.microsoft.com/en-us/azure/api-management/transform-api

NEW QUESTION 130
- (Exam Topic 5)
A company named Contoso, Ltd. has an Azure Active Directory (Azure AD) tenant that is integrated with Microsoft Office 365 and an Azure subscription.
Contoso has an on-premises identity infrastructure. The infrastructure includes servers that run Active Directory Domain Services (AD DS), and Azure AD Connect
Contoso has a partnership with a company named Fabrikam, Inc. Fabrikam has an Active Directory forest and an Office 365 tenant. Fabrikam has the same on-premises identity infrastructure as Contoso.
A team of 10 developers from Fabrikam will work on an Azure solution that will be hosted in the Azure subscription of Contoso. The developers must be added to the Contributor role for a resource in the Contoso subscription.
You need to recommend a solution to ensure that Contoso can assign the role to the 10 Fabrikam developers. The solution must ensure that the Fabrikam developers use their existing credentials to access resources.
What should you recommend?

A. Configure a forest trust between the on-premises Active Directory forests of Contoso and Fabrikam.
B. Configure an organization relationship between the Office 365 tenants of Fabrikam and Contoso.
C. In the Azure AD tenant of Contoso, use MIM to create guest accounts for the Fabrikam developers.
D. Configure an AD FS relying party trust between the fabrikam and Contoso AD FS infrastructures.

Answer: A

Explanation:
Trust configurations - Configure trust from managed forests(s) or domain(s) to the administrative forest

≫ A one-way trust is required from production environment to the admin forest.

≫ Selective authentication should be used to restrict accounts in the admin forest to only logging on to the appropriate production hosts.
References:
https://docs.microsoft.com/en-us/windows-server/identity/securing-privileged-access/securing-privileged-access

NEW QUESTION 134
- (Exam Topic 5)
You are planning an Azure solution that will host production databases 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 types 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:
Graphical user interface, text, application, email Description automatically generated

NEW QUESTION 137
- (Exam Topic 5)
You deploy several Azure SQL Database instances.
You plan to configure the Diagnostics settings on the databases as shown in the following exhibit.
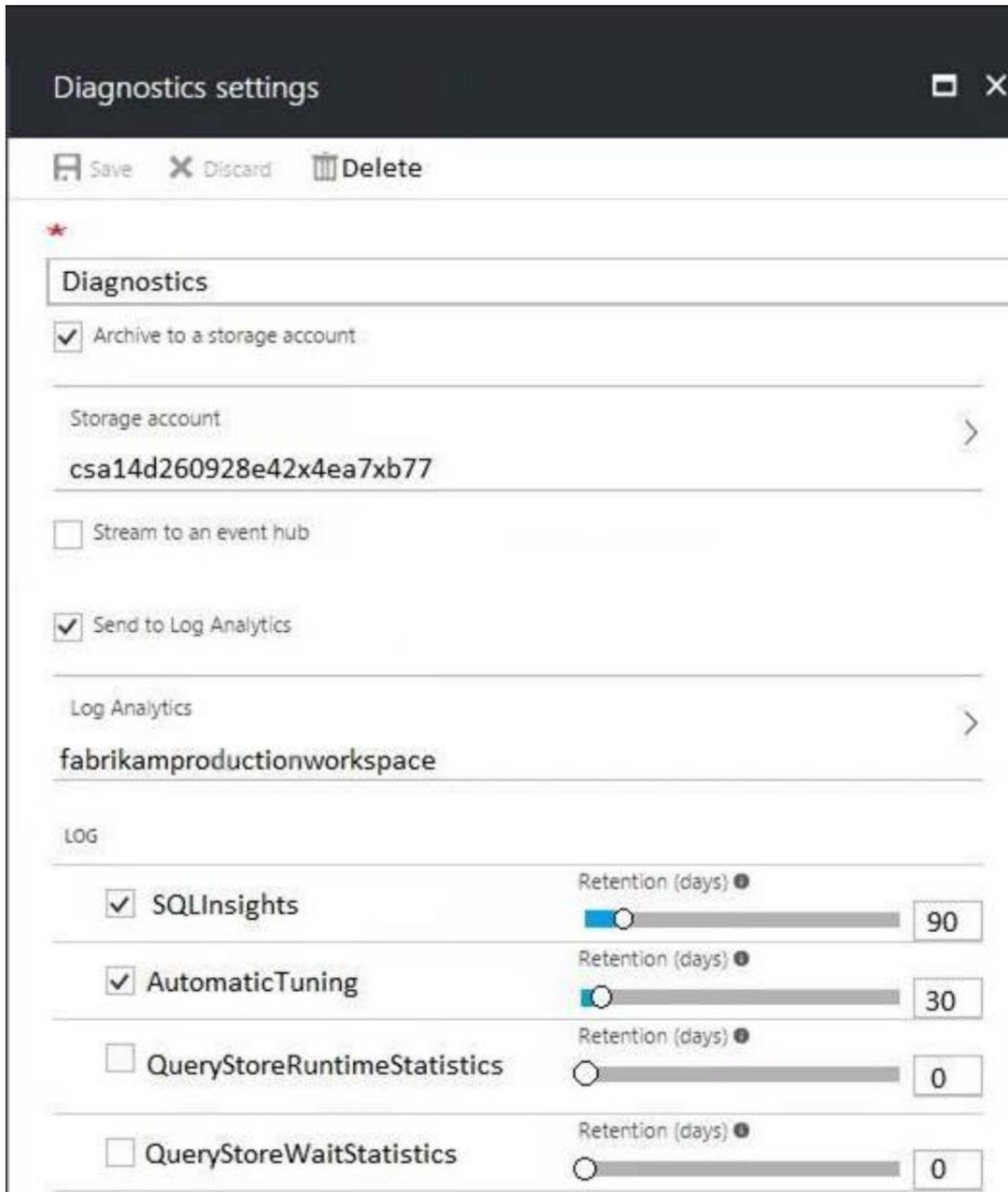
Diagnostics settings

🔲 ✕

💾 Save   ✕ Discard   🗑 Delete

⭐

Diagnostics

☑ Archive to a storage account

Storage account   ⟩
csa14d260928e42x4ea7xb77

☐ Stream to an event hub

☑ Send to Log Analytics

Log Analytics   ⟩
fabrikamproductionworkspace

LOG

☑ SQLInsights   Retention (days) ❶   90

☑ AutomaticTuning   Retention (days) ❶   30

☐ QueryStoreRuntimeStatistics   Retention (days) ❶   0

☐ QueryStoreWaitStatistics   Retention (days) ❶   0

Use the drop-down menus 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 amount of time that SQLInsights data will be stored in blob storage is [answer choice].

▼
30 days
90 days
730 days
indefinite

The maximum amount of time that SQLInsights data can be stored in Azure Log Analytics is [answer choice].

▼
30 days
90 days
730 days
indefinite

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Graphical user interface, text, application Description automatically generated
In the exhibit, the SQLInsights data is configured to be stored in Azure Log Analytics for 90 days. However, the question is asking for the "maximum" amount of time that the data can be stored which is 730 days.

NEW QUESTION 142
- (Exam Topic 5)
You plan to deploy an Azure web app named Appl that will use Azure Active Directory (Azure AD) authentication.
App1 will be accessed from the internet by the users at your company. All the users have computers that run Windows 10 and are joined to Azure AD.
You need to recommend a solution to ensure that the users can connect to App1 without being prompted for authentication and can access App1 only from company-owned computers.
What should you recommend for each requirement? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

The users can connect to App1 without being
prompted for authentication:

> An Azure AD app registration
> An Azure AD managed identity
> Azure AD Application Proxy

The users can access App1 only from
company-owned computers:

> A conditional access policy
> An Azure AD administrative unit
> Azure Application Gateway
> Azure Blueprints
> Azure Policy

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Graphical user interface, text, application, chat or text message Description automatically generated
Box 1: An Azure AD app registration
Azure active directory (AD) provides cloud based directory and identity management services.You can use azure AD to manage users of your application and authenticate access to your applications using azure active directory.
You register your application with Azure active directory tenant. Box 2: A conditional access policy
Conditional Access policies at their simplest are if-then statements, if a user wants to access a resource, then they must complete an action.
By using Conditional Access policies, you can apply the right access controls when needed to keep your organization secure and stay out of your user's way when not needed.
Timeline Description automatically generated
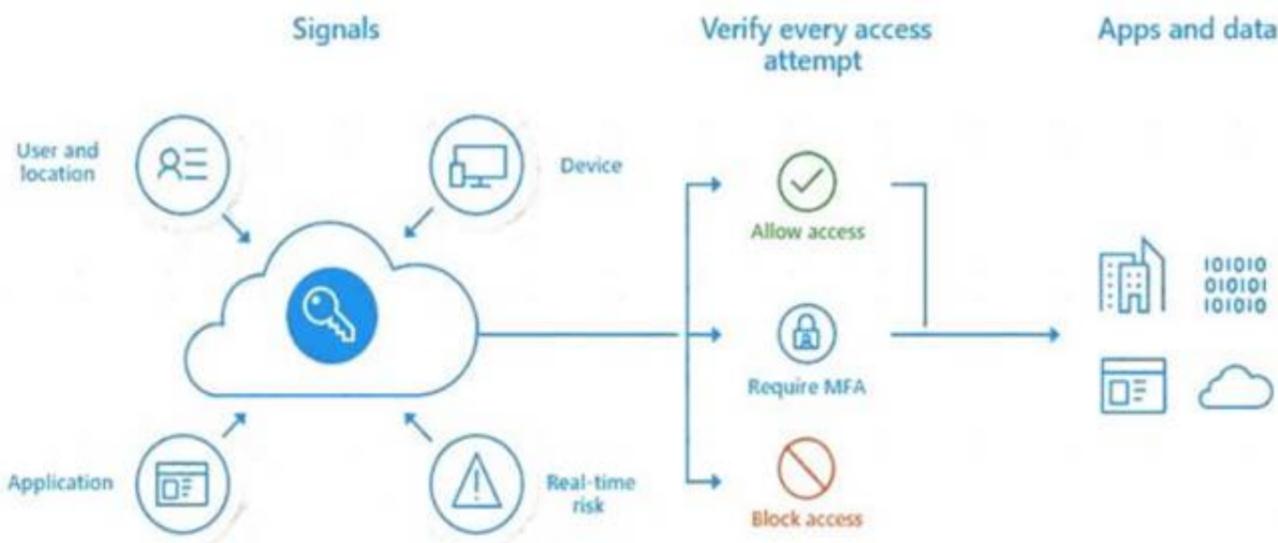
Reference:
https://codingcanvas.com/using-azure-active-directory-authentication-in-your-web-application/ https://docs.microsoft.com/en-us/azure/active-directory/conditional-access/overview https://docs.microsoft.com/en-us/powerapps/developer/data-platform/walkthrough-register-app-azure-active-dire "After consenting to use their Dataverse account with the ISV's application, end users can connect to
Dataverse environment from external application. The consent form is not displayed again to other users after the first user who has already consented to use the ISV's app. Apps registered in Azure Active Directory are multi-tenant, which implies that other Dataverse users from other tenant can connect to their environment using the ISV's app."

NEW QUESTION 147
- (Exam Topic 5)
You plan to automate the deployment of resources to Azure subscriptions.
What is a difference between using Azure Blueprints and Azure Resource Manager templates?

A. Azure Resource Manager templates remain connected to the deployed resources.
B. Only Azure Resource Manager templates can contain policy definitions.
C. Azure Blueprints remain connected to the deployed resources.
D. Only Azure Blueprints can contain policy definitions.

Answer: C

Explanation:
With Azure Blueprints, the relationship between the blueprint definition (what should be deployed) and the blueprint assignment (what was deployed) is preserved. This connection supports improved tracking and auditing of deployments. Azure Blueprints can also upgrade several subscriptions at once that are governed by the same blueprint.
Reference:
https://docs.microsoft.com/en-us/answers/questions/26851/how-is-azure-blue-prints-different-from-resource-m.h

NEW QUESTION 151
- (Exam Topic 5)
You have the Azure resources shown in the following table.

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

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

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

On-premises DNS configuration:
Forward contoso.com to VM1.
Forward contoso.com to the public DNS zone.
Forward contoso.com to the Azure-provided DNS at 168.63.129.16.

A. Mastered
B. Not Mastered

Answer: A

Explanation:

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

On-premises DNS configuration:
Forward contoso.com to VM1.
Forward contoso.com to the public DNS zone.
Forward contoso.com to the Azure-provided DNS at 168.63.129.16.

NEW QUESTION 154
- (Exam Topic 5)
You have an on-premises file server that stores 2 TB of data files.
You plan to move the data files to Azure Blob storage in the Central Europe region.
You need to recommend a storage account type to store the data files and a replication solution for the storage account. The solution must meet the following requirements:

⟩ Be available if a single Azure datacenter fails.

⟩ Support storage tiers.

⟩ Minimize cost.

What should you recommend? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

Account type:
Blob storage
Storage (general purpose v1)
StorageV2 (general purpose v2)

Replication solution:
Geo-redundant storage (GRS)
Zone-redundant storage (ZRS)
Locally-redundant storage (LRS)
Read-access geo-redundant storage (RA-GRS)

A. Mastered
B. Not Mastered

**Answer:** A

Explanation:
Graphical user interface, text, application, chat or text message Description automatically generated
Account Type: StorageV2
Replication solution: Zone-redundant storage (ZRS)

NEW QUESTION 159
- (Exam Topic 5)
Your company develops a web service that is deployed to an 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).
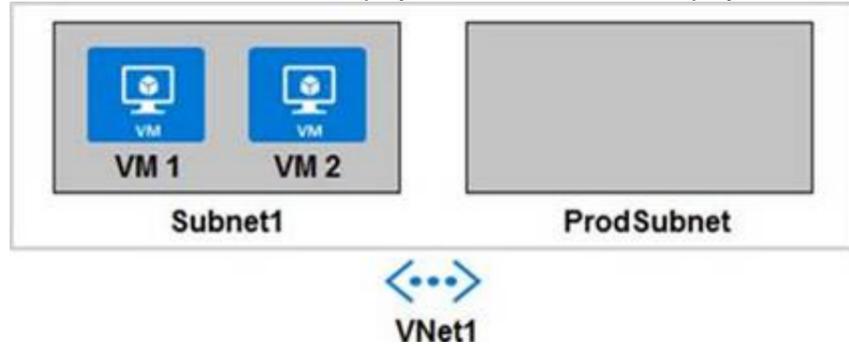
The chief technology officer (CTO) sends you the following email message: "Our developers have deployed the web service to a virtual machine named VM1. Testing has shown that the API is accessible from VM1 and VM2. Our partners must be able to connect to the API over the Internet. Partners will use this data in applications that they develop."
You deploy an Azure API Management (APIM) service. The relevant API Management configuration is shown in the API exhibit. (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.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Graphical user interface, text, application Description automatically generated
Reference:
https://docs.microsoft.com/en-us/azure/api-management/api-management-using-with-vnet

NEW QUESTION 160
- (Exam Topic 5)
You have an Azure subscription. The subscription contains 100 virtual machine that am Windows Server. You need to recommend a solution that will provide monitoring and an audit trail of the following
modifications:
• Changes to the Windows registry on the virtual machines
• Changes to the DNS settings of the virtual machines
The solution must minimize administrative effort.
What should you recommend using for each change? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

Answer Area

Windows registry changes:

```
Azure Automation Change Tracking
Azure Monitor Change Analysis
Azure Monitor for VM Insights
```

DNS settings changes:

```
Azure Automation Change Tracking
Azure Monitor Change Analysis
Azure Monitor for VM Insights
```

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

Windows registry changes:

```
Azure Automation Change Tracking
Azure Monitor Change Analysis
Azure Monitor for VM Insights
```

DNS settings changes:

```
Azure Automation Change Tracking
Azure Monitor Change Analysis
Azure Monitor for VM Insights
```

NEW QUESTION 162
- (Exam Topic 5)
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 scale set that uses autoscaling.
Does this meet the goal?

A. Yes
B. No

Answer: B

Explanation:
Instead, you should deploy two Azure virtual machines to two Azure regions, and you create a Traffic Manager profile.

NEW QUESTION 163
- (Exam Topic 5)
Your company has an app named App1 that uses data from the on-premises Microsoft SQL Server databases shown in the following table.

Name	Size
DB1	450 GB
DB2	250 GB
DB3	300 GB
DB4	50 GB

App1 and the data are used on the first day of the month only. The data is not expected to grow more than 3% each year.
The company is rewriting App1 as an Azure web app and plans to migrate all the data to Azure. You need to migrate the data to Azure SQL Database. The solution must minimize costs. Which service tier should you use?

A. vCore-based Business Critical
B. vCore-based General Purpose
C. DTU-based Standard
D. DTU-based Basic

Answer: C

Explanation:
DTU-based Standard supports databases up to 1 TB in size. Reference:
https://docs.microsoft.com/en-us/azure/azure-sql/database/service-tiers-dtu

NEW QUESTION 168
- (Exam Topic 5)
You are designing a large Azure environment that will contain many subscriptions. You plan to use Azure Policy as part of a governance solution.
To which three scopes can you assign Azure Policy definitions? Each correct answer presents a complete solution.
NOTE: Each correct selection is worth one point.

A. management groups
B. subscriptions
C. Azure Active Directory (Azure AD) tenants
D. resource groups
E. Azure Active Directory (Azure AD) administrative units
F. compute resources

Answer: ADE

Explanation:
Azure Policy evaluates resources in Azure by comparing the properties of those resources to business rules. Once your business rules have been formed, the policy definition or initiative is assigned to any scope of resources that Azure supports, such as management groups, subscriptions, resource groups, or individual resources.
Reference:
https://docs.microsoft.com/en-us/azure/governance/policy/overview

NEW QUESTION 169
- (Exam Topic 5)
You have an app named App1 that uses two on-premises Microsoft SQL Server databases named DB1 and DB2.
You plan to migrate DB1 and DB2 to Azure.
You need to recommend an Azure solution to host DB1 and DB2. The solution must meet the following requirements:
• Support server-side transactions across DB1 and DB2.
• Minimize administrative effort to update the solution. What should you recommend?

A. two SQL Server databases on an Azure virtual machine
B. two Azure SQL databases on different Azure SQL Database servers
C. two Azure SQL databases in an elastic pool
D. two Azure SQL databases on the same Azure SQL Database managed instance

Answer: D

Explanation:
When both the database management system and client are under the same ownership (e.g. when SQL Server is deployed to a virtual machine), transactions are available and the lock duration can be controlled. Reference: https://docs.particular.net/nservicebus/azure/understanding-transactionality-in-azure

NEW QUESTION 173
- (Exam Topic 5)
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.
Your company has deployed several virtual machines (VMs) on-premises and to Azure. Azure ExpressRoute has been deployed and configured for on-premises to Azure connectivity.
Several VMs are exhibiting network connectivity issues.
You need to analyze the network traffic to determine whether packets are being allowed or denied to the VMs. Solution: Use the Azure Traffic Analytics solution in Azure Log Analytics to analyze the network traffic. Does the solution meet the goal?

A. Yes
B. No

Answer: B

Explanation:
Instead use Azure Network Watcher to run IP flow verify to analyze the network traffic. Reference:
https://docs.microsoft.com/en-us/azure/network-watcher/network-watcher-monitoring-overview https://docs.microsoft.com/en-us/azure/network-watcher/network-watcher-ip-flow-verify-overview

NEW QUESTION 174
- (Exam Topic 5)
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:	Table
AzureDiagnostics	Events from Linux system logging:	Table
Event		
Syslog		

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Graphical user interface, table Description automatically generated with medium confidence
https://docs.microsoft.com/en-us/azure/azure-monitor/platform/log-analytics-agent
Windows Event logs --> Information sent to the Windows event logging system. Syslog --> Information sent to the Linux event logging system.

NEW QUESTION 178
- (Exam Topic 5)
You have an Azure web app named App1 and an Azure key vault named KV1. App1 stores database connection strings in KV1.
App1 performs the following types of requests to KV1:

➢ Get
➢ List
➢ Wrap
➢ Delete
➢ Unwrap
➢ Backup
➢ Decrypt
➢ Encrypt

You are evaluating the continuity of service for App1.
You need to identify the following if the Azure region that hosts KV1 becomes unavailable:

➢ To where will KV1 fail over?
➢ During the failover, which request type will be unavailable?

What should you identify? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

To where will KV1 fail over? ▼

| A server in the same Availability Set |
| A server in the same fault domain |
| A server in the same paired region |
| A virtual machine in a scale set |

During the failover, which request type will be unavailable? ▼

| Backup |
| Decrypt |
| Delete |
| Encrypt |
| Get |
| List |
| Unwrap |
| Wrap |

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Table Description automatically generated
Box 1: A server in the same paired region
The contents of your key vault are replicated within the region and to a secondary region at least 150 miles away, but within the same geography to maintain high durability of your keys and secrets.
Box 2: Delete
During failover, your key vault is in read-only mode. Requests that are supported in this mode are:
- List certificates
- Get certificates
- List secrets
- Get secrets
- List keys
- Get (properties of) keys
- Encrypt
- Decrypt
- Wrap
- Unwrap
- Verify
- Sign
- Backup

Reference:
https://docs.microsoft.com/en-us/azure/key-vault/general/disaster-recovery-guidance

NEW QUESTION 181
- (Exam Topic 5)
Your company, named Contoso, Ltd, implements several Azure logic apps that have HTTP triggers: The logic apps provide access to an on-premises web service.
Contoso establishes a partnership with another company named Fabrikam, Inc.
Fabrikam does not have an existing Azure Active Directory (Azure AD) tenant and uses third-party OAuth 2.0 identity management to authenticate its users.
Developers at Fabrikam plan to use a subset of the logics apps to build applications that will integrate with the on-premises web service of Contoso.
You need to design a solution to provide the Fabrikam developers with access to the logic apps. The solution must meet the following requirements:
- Requests to the logic apps from the developers must be limited to lower rates than the requests from the users at Contoso.
- The developers must be able to rely on their existing OAuth 2.0 provider to gain access to the logic apps.
- The solution must NOT require changes to the logic apps.
- The solution must NOT use Azure AD guest accounts.
What should you include in the solution?

A. Azure AD business-to-business (B2B)
B. Azure Front Door
C. Azure API Management
D. Azure AD Application Proxy

Answer: C

Explanation:
API Management helps organizations publish APIs to external, partner, and internal developers to unlock the potential of their data and services.
You can secure API Management using the OAuth 2.0 client credentials flow. Reference:
https://docs.microsoft.com/en-us/azure/api-management/api-management-key-concepts
https://docs.microsoft.com/en-us/azure/api-management/api-management-features https://docs.microsoft.com/en-us/azure/api-management/api-management-howto-protect-backend-with-aad#ena

NEW QUESTION 183
- (Exam Topic 5)
Your company deploys several virtual machines on-premises and to Azure. ExpressRoute is deployed and configured for on-premises to Azure connectivity.
Several virtual machines exhibit network connectivity issues.
You need to analyze the network traffic to identify whether packets are being allowed or denied from the Azure virtual machines to the on-premises virtual machines.
Solution: Use Azure Advisor. Does this meet the goal?

A. Yes
B. No

Answer: B

NEW QUESTION 184
- (Exam Topic 5)
You have an on-premises database that you plan to migrate to Azure.
You need to design the database architecture to meet the following requirements:
- Support scaling up and down.
- Support geo-redundant backups.
- Support a database of up to 75 TB.
- Be optimized for online transaction processing (OLTP).

What should you include in the design? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

Answer Area

Service:

| Azure SQL Database |
| Azure SQL Managed Instance |
| Azure Synapse Analytics |
| SQL Server on Azure Virtual Machines |

Service tier:

| Basic |
| Business Critical |
| General Purpose |
| Hyperscale |
| Premium |
| Standard |

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: Azure SQL Database Azure SQL Database:
Database size always depends on the underlying service tiers (e.g. Basic, Business Critical, Hyperscale). It supports databases of up to 100 TB with Hyperscale service tier model.
Active geo-replication is a feature that lets you to create a continuously synchronized readable secondary database for a primary database. The readable secondary database may be in the same Azure region as the primary, or, more commonly, in a different region. This kind of readable secondary databases are also known as geo-secondaries, or geo-replicas.
Azure SQL Database and SQL Managed Instance enable you to dynamically add more resources to your database with minimal downtime.
Box 2: Hyperscale Reference:
https://docs.microsoft.com/en-us/azure/azure-sql/database/active-geo-replication-overview https://medium.com/awesome-azure/azure-difference-between-azure-sql-database-and-sql-server-on-vm-compar

NEW QUESTION 187
- (Exam Topic 5)
You are developing a sates application that will contain several Azure cloud services and 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 XML messages.
What should you include in the recommendation?

A. Azure Data Lake
B. Azure Notification Hubs
C. Azure Queue Storage
D. Azure Service Fabric

Answer: C

NEW QUESTION 191
- (Exam Topic 5)
You have an Azure Active Directory (Azure AD) tenant named contoso.com that has a security group named Group'. Group i is configured Tor assigned membership. Group I has 50 members. including 20 guest users.
You need To recommend a solution for evaluating the member ship of Group1. The solution must meet the following requirements:
• The evaluation must be repeated automatically every three months
• Every member must be able to report whether they need to be in Group1
• Users who report that they do not need to be in Group 1 must be removed from Group1 automatically
• Users who do not report whether they need to be m Group1 must be removed from Group1 automatically. What should you include in me recommendation?

A. implement Azure AU Identity Protection.
B. Change the Membership type of Group1 to Dynamic User.
C. Implement Azure AD Privileged Identity Management.
D. Create an access review.

Answer: D

Explanation:
https://docs.microsoft.com/en-us/azure/active-directory/governance/access-reviews-overview#learn-about-acces
Have reviews recur periodically: You can set up recurring access reviews of users at set frequencies such as weekly, monthly, quarterly or annually, and the reviewers will be notified at the start of each review. Reviewers can approve or deny access with a friendly interface and with the help of smart recommendations.
An administrator creates an access review of Group C with 50 member users and 25 guest users. Makes it a self-review. 50 licenses for each user as self-reviewers.*
https://docs.microsoft.com/en-us/azure/active-directory/governance/access-reviews-overview#example-license-s

There are 4 requirements and every single one is only met by access reviews.
https://docs.microsoft.com/en-us/azure/active-directory/governance/access-reviews-overview#when-should-you
Dynamic User is needed if a user must be automatically granted access on base of its attributes (department, jobtitle, location, etc.)
https://techcommunity.microsoft.com/t5/itops-talk-blog/dynamic-groups-in-azure-ad-and-microsoft-365/ba-p/22
Implementing Azure AD PIM is no solution and absolutely not necessary for access reviews. https://docs.microsoft.com/en-us/azure/active-directory/governance/access-reviews-overview#where-do-you-cre

NEW QUESTION 195
- (Exam Topic 5)
You plan to archive 10 TB of on-premises data files to Azure.
You need to recommend a data archival solution. The solution must minimize the cost of storing the data files. Which Azure Storage account type should you include in the recommendation?

A. Standard StorageV2 (general purpose v2)
B. Standard Storage (general purpose v1)
C. Premium StorageV2 (general purpose v2)
D. Premium Storage (general purpose v1)

Answer: A

Explanation:
Standard StorageV2 supports the Archive access tier, which would be the cheapest solution. Reference:
https://docs.microsoft.com/en-us/azure/storage/common/storage-introduction

NEW QUESTION 196
- (Exam Topic 5)
You need to design a highly available Azure SQL database that meets the following requirements:
* Failover between replicas of the database must occur without any data loss.
* The database must remain available in the event of a zone outage.
* Costs must be minimized.
Which deployment option should you use?

A. Azure SQL Database Premium
B. Azure SQL Database Hyperscale
C. Azure SQL Database Basic
D. Azure SQL Managed Instance Business Critical

Answer: D

NEW QUESTION 200
- (Exam Topic 5)
Your on-premises network contains a file server named Server1 that stores 500 GB of data. You need to use Azure Data Factory to copy the data from Server1 to Azure Storage.
You add a new data factory.
What should you do next? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

From Server1:
- Install an Azure File Sync agent
- Install a self-hosted integration runtime
- Install the File Server Resource Manager role service

From the data factory:
- Create a pipeline
- Create an import/export job
- Provision an Azure-SQL Server Integration Services (SSIS) integration runtime

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Graphical user interface, text, application, email Description automatically generated
Box 1: Install a self-hosted integration runtime
The Integration Runtime is a customer-managed data integration infrastructure used by Azure Data Factory to provide data integration capabilities across different network environments.
Box 2: Create a pipeline
With ADF, existing data processing services can be composed into data pipelines that are highly available and managed in the cloud. These data pipelines can be scheduled to ingest, prepare, transform, analyze, and publish data, and ADF manages and orchestrates the complex data and processing dependencies
References:
https://docs.microsoft.com/en-us/azure/machine-learning/team-data-science-process/move-sql-azure-adf https://docs.microsoft.com/pl-pl/azure/data-factory/tutorial-hybrid-copy-data-tool
syu31svc 3 months, 4 weeks ago
https://docs.microsoft.com/en-us/azure/data-factory/create-self-hosted-integration-runtime?tabs=data-factory "A self-hosted integration runtime can run copy activities between a cloud data store and a data store in a
private network"

https://docs.microsoft.com/en-us/azure/data-factory/introduction
"With Data Factory, you can use the Copy Activity in a data pipeline to move data from both on-premises and cloud source data stores to a centralization data store in the cloud for further analysis"

NEW QUESTION 202
- (Exam Topic 5)
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 plan to deploy multiple instances of an Azure web app across several Azure regions.
You need to design an access solution for the app. The solution must meet the following replication requirements:

≫ Support rate limiting.

≫ Balance requests between all instances.

≫ Ensure that users can access the app in the event of a regional outage. Solution: You use Azure Application Gateway to provide access to the app. Does this meet the goal?

A. Yes
B. No

Answer: B

NEW QUESTION 204
- (Exam Topic 5)
You have an Azure subscription that contains the storage accounts shown in the following table.

Name	Type	Performance
storage1	StorageV2	Standard
storage2	SrorageV2	Premium
storage3	BlobStorage	Standard
storage4	FileStorage	Premium

You plan to implement two new apps that have the requirements shown in the following table.

Name	Requirement
App1	Use lifecycle management to migrate app data between storage tiers
App2	Store app data in an Azure file share

Which storage accounts should you recommend using for each app? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

App1:
- Storage1 and storage2 only
- Storage1 and storage3 only
- Storage1, storage2, and storage3 only
- Storage1, storage2, storage3, and storage4

App2:
- Storage4 only
- Storage1 and storage4 only
- Storage1, storage2, and storage4 only
- Storage1, storage2, storage3, and storage4

A. Mastered
B. Not Mastered

Answer: A

Explanation:
https://docs.microsoft.com/en-us/azure/storage/common/storage-account-overview https://www.edureka.co/community/40011/different-storage-accounts-there-major-difference-between https://insidemstech.com/tag/general-purpose-v2/
In conclusion the correct answers are: Box1 --> Storage1 and Storage3 only Box2 --> Storage1 and Storage4 only
https://docs.microsoft.com/en-us/azure/storage/files/storage-how-to-create-file-share?tabs=azure-portal#basics

NEW QUESTION 207
- (Exam Topic 5)
Your network contains an on-premises Active Directory forest.

You discover that when users change jobs within your company, the membership of the user groups are not being updated. As a result, the users can access resources that are no longer relevant to their job.

You plan to integrate Active Directory and Azure Active Directory (Azure AD) by using Azure AD Connect. You need to recommend a solution to ensure that group owners are emailed monthly about the group

memberships they manage.

What should you include in the recommendation?

A. conditional access policies
B. Tenant Restrictions
C. Azure AD access reviews
D. Azure AD Identity Protection

Answer: C

Explanation:
Reference:
https://docs.microsoft.com/en-us/azure/active-directory/governance/access-reviews-overview

NEW QUESTION 209
- (Exam Topic 5)
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.

Your company has deployed several virtual machines (VMs) on-premises and to Azure. Azure ExpressRoute has been deployed and configured for on-premises to Azure connectivity.

Several VMs are exhibiting network connectivity issues.

You need to analyze the network traffic to determine whether packets are being allowed or denied to the VMs. Solution: Install and configure the Microsoft Monitoring Agent and the Dependency Agent on all VMs. Use the Wire Data solution in Azure Monitor to analyze the network traffic.

Does the solution meet the goal?

A. Yes
B. No

Answer: B

Explanation:
Instead use Azure Network Watcher to run IP flow verify to analyze the network traffic.

Note: Wire Data looks at network data at the application level, not down at the TCP transport layer. The solution doesn't look at individual ACKs and SYNs.

Reference:
https://docs.microsoft.com/en-us/azure/network-watcher/network-watcher-monitoring-overview https://docs.microsoft.com/en-us/azure/network-watcher/network-watcher-ip-flow-verify-overview

NEW QUESTION 212
- (Exam Topic 5)
You have an Azure subscription that contains multiple storage accounts. You assign Azure Policy definitions to the storage accounts.

You need to recommend a solution to meet the following requirements:
• Trigger on-demand Azure Policy compliance scans.
• Raise Azure Monitor non-compliance alerts by querying logs collected by Log Analytics.

What should you recommend for each requirement? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

Answer Area

To trigger the compliance scans, use:	The Azure Command-Line Interface (CLI) ▼
	An Azure template
	The Azure Command-Line Interface (CLI)
	The Azure portal
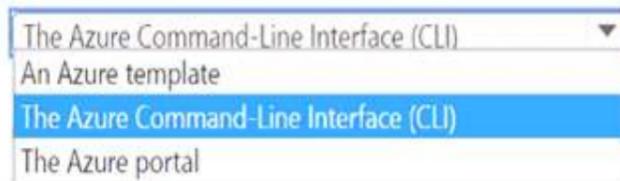
To generate the non-compliance alerts, configure diagnostic settings for the:	Log Analytics workspace ▼
	Azure activity logs
	Log Analytics workspace
	Storage accounts

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

To trigger the compliance scans, use:	The Azure Command-Line Interface (CLI) ▼
	An Azure template
	The Azure Command-Line Interface (CLI)
	The Azure portal

| To generate the non-compliance alerts, configure diagnostic settings for the: | Log Analytics workspace ▼ |
	Azure activity logs
	Log Analytics workspace
	Storage accounts
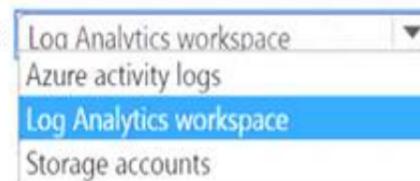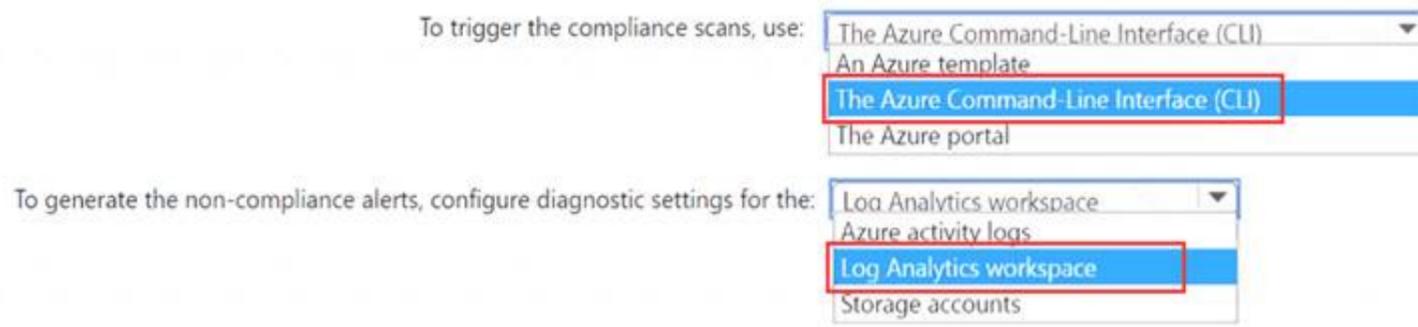
NEW QUESTION 213
- (Exam Topic 5)
You have two app registrations named App1 and App2 in Azure AD. App1 supports role-based access control (RBAC) and includes a role named Writer.
You need to ensure that when App2 authenticates to access App1, the tokens issued by Azure AD include the Writer role claim.
Which blade should you use to modify each app registration? To answer, drag the appropriate blades to the correct app registrations. Each blade 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.

Blades   **Answer Area**

API permissions   App1: [Blade]

App roles   App2: [Blade]

Token configuration

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Blades   **Answer Area**

API permissions   App1: App roles

App roles   App2: API permissions

Token configuration

NEW QUESTION 218
- (Exam Topic 5)
You have an Azure subscription.
Your on-premises network contains a file server named Server1. Server 1 stores 5 TB of company files that are accessed rarely.
You plan to copy the files to Azure Storage.
You need to implement a storage solution for the files that meets the following requirements:
• The files must be available within 24 hours of being requested.
• Storage costs must be minimized.
Which two possible storage solutions achieve this goal? Each correct answer presents a complete solution. NOTE: Each correct selection is worth one point.

A. Create a general-purpose v1 storage accoun
B. Create a blob container and copy the files to the blob container.
C. Create a general-purpose v2 storage account that is configured for the Hot default access tie
D. Create a blob container, copy the files to the blob container, and set each file to the Archive access tier.
E. Create a general-purpose v1 storage accoun
F. Create a file share in the storage account and copy the files to the file share.
G. Create a general-purpose v2 storage account that is configured for the Cool default access tie
H. Create a file share in the storage account and copy the files to the file share.
I. Create an Azure Blob storage account that is configured for the Cool default access tie
J. Create a blob container, copy the files to the blob container, and set each file to the Archive access tier.

Answer: BE

Explanation:
https://docs.microsoft.com/en-us/azure/storage/blobs/manage-access-tier?tabs=portal

NEW QUESTION 220
- (Exam Topic 5)
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.

Your company plans to deploy various Azure App Service instances that will use Azure SQL databases. The App Service instances will be deployed at the same time as the Azure SQL databases.

The company has a regulatory requirement to deploy the App Service instances only to specific Azure regions. The resources for the App Service instances must reside in the same region.

You need to recommend a solution to meet the regulatory requirement.

Solution: You recommend creating resource groups based on locations and implementing resource locks on the resource groups.

Does this meet the goal?

A. Yes
B. No

Answer: B

Explanation:
Resource locks are not used for compliance purposes. Resource locks prevent changes from being made to resources.
Reference:
https://docs.microsoft.com/en-us/azure/azure-resource-manager/management/lock-resources

NEW QUESTION 222
- (Exam Topic 5)
You have an Azure AD tenant.
You plan to deploy Azure Cosmos DB databases that will use the SQL API.
You need to recommend a solution to provide specific Azure AD user accounts with read access to the Cosmos DB databases.
What should you include in the recommendation?

A. a resource token and an Access control (1AM) role assignment
B. certificates and Azure Key Vault
C. master keys and Azure Information Protection policies
D. shared access signatures (SAS) and Conditional Access policies

Answer: A

NEW QUESTION 223
- (Exam Topic 5)
You have a resource group named RG1 that contains the objects shown in the following table.

Name	Type	Location
ASP-RG1	App Service plan	East US
KV1	Azure Key Vault	East US
KV2	Azure Key Vault	West Europe
App1	Azure Logic Apps	West US

You need to configure permissions so that App1 can copy all the secrets from KV1 to KV2. App1 currently has the Get permission for the secrets in KV1.

Which additional permissions should you assign to App1? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Permission to assign so that App1 can copy the secrets from KV1:

- Add
- Backup
- Create
- List
- Unwrap Key

Permission to assign so that App1 can copy the secrets to KV2:

- Create
- Import
- List
- Wrap Key

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Graphical user interface, text, application Description automatically generated
Box 1: List
Get: Gets the specified Azure key vault.
List: The List operation gets information about the vaults associated with the subscription. Box 2: Create
Create Or Update: Create or update a key vault in the specified subscription. Reference:
https://docs.microsoft.com/en-us/rest/api/keyvault/

NEW QUESTION 227
- (Exam Topic 5)
You need to recommend a solution to deploy containers that run an application. The application has two tiers. Each tier is implemented as a separate Docker Linux-based image. The solution must meet the following requirements:

> The front-end tier must be accessible by using a public IP address on port 80.

> The backend tier must be accessible by using port 8080 from the front-end tier only.

> Both containers must be able to access the same Azure file share.

> If a container fails, the application must restart automatically.

> Costs must be minimized.
What should you recommend using to host the application?

A. Azure Kubernetes Service (AKS)
B. Azure Service Fabric
C. Azure Container instances
D. Azure Container registries

Answer: C

Explanation:
Azure Container Instances enables a layered approach to orchestration, providing all of the scheduling and management capabilities required to run a single container, while allowing orchestrator platforms to manage multi-container tasks on top of it.
Because the underlying infrastructure for container instances is managed by Azure, an orchestrator platform does not need to concern itself with finding an appropriate host machine on which to run a single container.
Azure Container Instances can schedule both Windows and Linux containers with the same API. Orchestration of container instances exclusively
Because they start quickly and bill by the second, an environment based exclusively on Azure Container Instances offers the fastest way to get started and to deal with highly variable workloads.
Reference:
https://docs.microsoft.com/en-us/azure/container-instances/container-instances-overview https://docs.microsoft.com/en-us/azure/container-instances/container-instances-orchestrator-relationship

NEW QUESTION 231
- (Exam Topic 5)
You have data files in Azure Blob Storage.
You plan to transform the files and move them to Azure Data Lake Storage. You need to transform the data by using mapping data flow.
Which service should you use?

A. Azure Data Box Gateway
B. Azure Databricks
C. Azure Data Factory
D. Azure Storage Sync

Answer: C

Explanation:
You can use Copy Activity in Azure Data Factory to copy data from and to Azure Data Lake Storage Gen2, and use Data Flow to transform data in Azure Data Lake Storage Gen2.
Reference:
https://docs.microsoft.com/en-us/azure/data-factory/connector-azure-data-lake-storage

NEW QUESTION 234
- (Exam Topic 5)
You need to implement the Azure RBAC role assignment. The solution must meet the authentication and authorization requirements.
How many assignment should you configure for the Network Contributor role for Role1? To answer, select appropriate in the answer area.
NOTE:
Answer Area
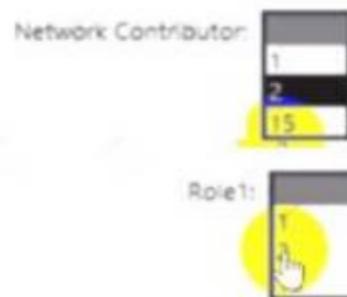
A. Mastered
B. Not Mastered

Answer: A

Explanation:
A screenshot of a computer Description automatically generated with medium confidence

NEW QUESTION 235
- (Exam Topic 5)
You plan to deploy an Azure Databricks Data Science & Engineering workspace and ingest data into the workspace.
Where should you persist the ingested data?

A. Azure Files
B. Azure Data Lake
C. Azure SQL Database
D. Azure Cosmos DB

Answer: B

Explanation:
The Azure Databricks Data Science & Engineering data lands in a data lake for long term persisted storage, in Azure Blob Storage or Azure Data Lake Storage.
Reference:
https://docs.microsoft.com/en-us/azure/databricks/scenarios/what-is-azure-databricks-ws

NEW QUESTION 236
- (Exam Topic 5)
You are designing an Azure Cosmos DB solution that will host multiple writable replicas in multiple Azure regions.
You need to recommend the strongest database consistency level for the design. The solution must meet the following requirements:

➢ Provide a latency-based Service Level Agreement (SLA) for writes.

➢ Support multiple regions.
Which consistency level should you recommend?

A. bounded staleness
B. strong
C. session
D. consistent prefix

Answer: A

Explanation:
Each level provides availability and performance tradeoffs. The following image shows the different consistency levels as a spectrum.
Timeline Description automatically generated

Note: The service offers comprehensive 99.99% SLAs which covers the guarantees for throughput, consistency, availability and latency for the Azure Cosmos DB Database Accounts scoped to a single Azure region configured with any of the five Consistency Levels or Database Accounts spanning multiple Azure regions, configured with any of the four relaxed Consistency Levels.
Reference:
https://azure.microsoft.com/en-us/support/legal/sla/cosmos-db/v1_3/
https://docs.microsoft.com/en-us/azure/cosmos-db/consistency-levels#consistency-levels-and-latency

NEW QUESTION 239
- (Exam Topic 5)
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 are designing an Azure solution for a company that has four departments. Each department will deploy several Azure app services and Azure SQL databases.
You need to recommend a solution to report the costs for each department to deploy the app services and the databases. The solution must provide a consolidated view for cost reporting that displays cost broken down by department.
Solution: Create a separate resource group for each department. Place the resources for each department in its respective resource group.
Does this meet the goal?

A. Yes
B. No

Answer: B

Explanation:
Instead create a resources group for each resource type. Assign tags to each resource group.
Note: Tags enable you to retrieve related resources from different resource groups. This approach is helpful when you need to organize resources for billing or management.
Reference:
https://docs.microsoft.com/en-us/azure/azure-resource-manager/resource-group-using-tags

NEW QUESTION 240
- (Exam Topic 5)
You are designing a data storage solution to support reporting.
The solution will ingest high volumes of data in the JSON format by using Azure Event Hubs. As the data arrives, Event Hubs will write the data to storage. The solution must meet the following requirements:
• Organize data in directories by date and time.
• Allow stored data to be queried directly, transformed into summarized tables, and then stored in a data warehouse.
• Ensure that the data warehouse can store 50 TB of relational data and support between 200 and 300 concurrent read operations.
Which service should you recommend for each type of data store? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

Answer Area

Data store for the ingested data:	Azure Data Lake Storage Gen2	▼
	Azure Blob Storage	
	Azure Data Lake Storage Gen2	
	Azure Files	
	Azure NetApp Files	

Data store for the data warehouse:	Azure SQL Database Hyperscale	▼
	Azure Cosmos DB for Apache Cassandra	
	Azure Cosmos DB for NoSQL	
	Azure SQL Database Hyperscale	
	Azure Synapse Analytics dedicated SQL pools	
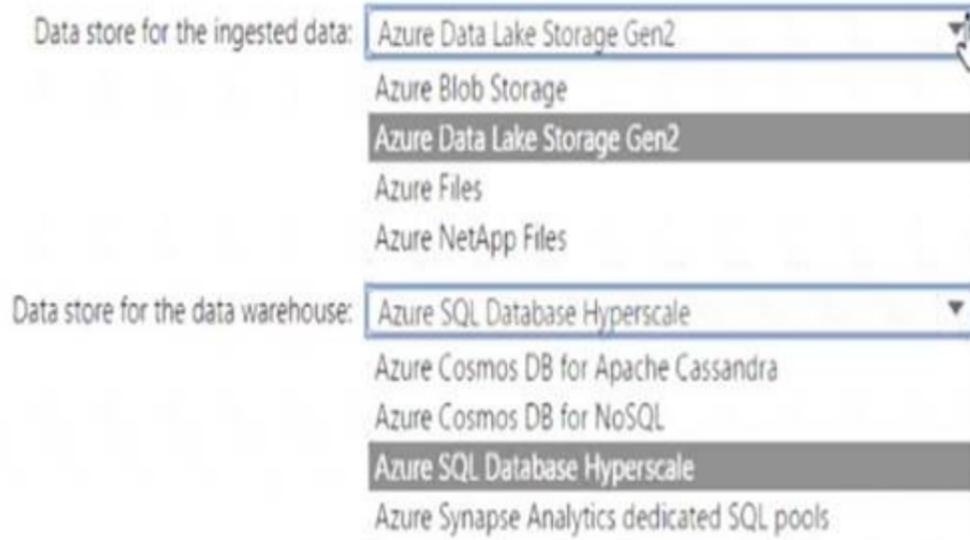
A. Mastered
B. Not Mastered

Answer: A

Explanation:
Graphical user interface, text, application, email Description automatically generated

NEW QUESTION 242
- (Exam Topic 5)
You have the resources shown in the following table.

Name	Type
AS1	Azure Synapse Analytics instance
CDB1	Azure Cosmos DB SQL API account

CDB1 hosts a container that stores continuously updated operational data.
You are designing a solution that will use ASI to analyze the operational data daily.
You need to recommend a solution to analyze the data without affecting the performance of the operational data store.
What should you include in the recommendation?

A. Azure Cosmos DB change feed
B. Azure Data Factory with Azure Cosmos DB and Azure Synapse Analytics connectors
C. Azure Synapse Analytics with PolyBase data loading
D. Azure Synapse Link for Azure Cosmos DB

Answer: D

**NEW QUESTION 247**
- (Exam Topic 5)
You have an Azure subscription.
You need to deploy a solution that will provide point-in-time restore for blobs in storage accounts that have blob versioning and blob soft delete enabled.
Which type of blob should you create, and what should you enable for the accounts? To answer, select the appropriate options in the answer area.
NOTE; Each correct selection is worth one point.

Answer Area

Blob type:		▼
	Append	
	Block	
	Page	

Enable:		▼
	A stored access policy	
	Immutable blob storage	
	Object replication	
	The change feed	

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

Blob type:
- **Append**
- Block
- Page

Enable:
- **A stored access policy**
- Immutable blob storage
- Object replication
- The change feed
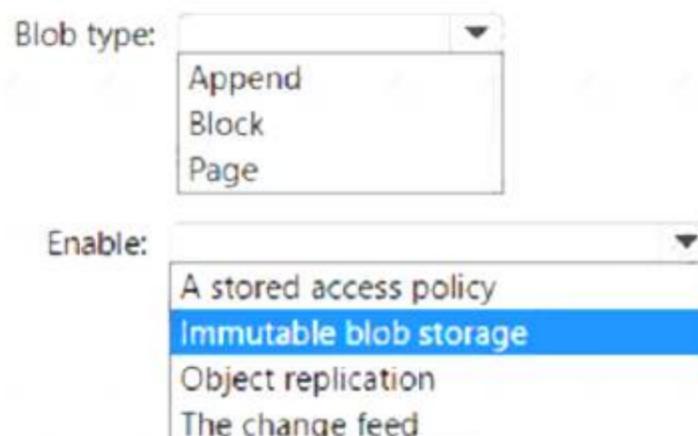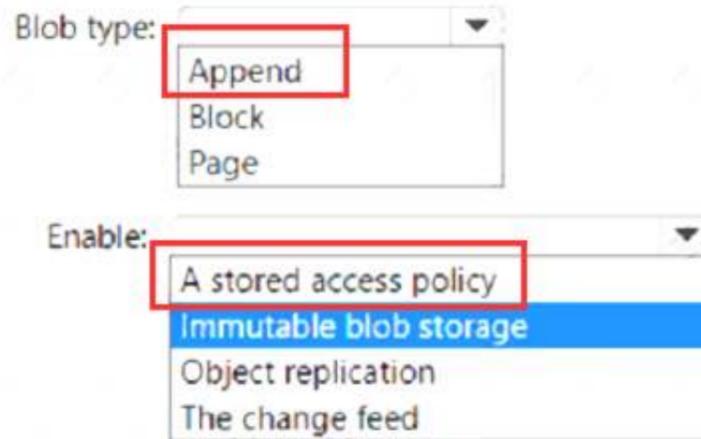
NEW QUESTION 250
- (Exam Topic 5)
You have 10 on-premises servers that run Windows Server.
You need to perform daily backups of the servers to a Recovery Services vault. The solution must meet the following requirements:
• Back up all the files and folders on the servers.
• Maintain three copies of the backups in Azure.
• Minimize costs.
What should you configure? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

Answer Area

On the servers:
The Microsoft Azure Recovery Services (MARS) agent
- The Azure Site Recovery Mobility service
- **The Microsoft Azure Recovery Services (MARS) agent**
- Volume Shadow Copy Service (VSS)

For the storage:
Geo-redundant storage (GRS)
- **Geo-redundant storage (GRS)**
- Locally-redundant storage (LRS)
- Zone-redundant storage (ZRS)

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

On the servers:
The Microsoft Azure Recovery Services (MARS) agent
- The Azure Site Recovery Mobility service
- **The Microsoft Azure Recovery Services (MARS) agent**
- Volume Shadow Copy Service (VSS)

For the storage:
Geo-redundant storage (GRS)
- **Geo-redundant storage (GRS)**
- Locally-redundant storage (LRS)
- Zone-redundant storage (ZRS)

NEW QUESTION 254
- (Exam Topic 5)
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.
Your company plans to deploy various Azure App Service instances that will use Azure SQL databases. The App Service instances will be deployed at the same time as the Azure SQL databases.
The company has a regulatory requirement to deploy the App Service instances only to specific Azure regions. The resources for the App Service instances must reside in the same region.
You need to recommend a solution to meet the regulatory requirement.
Solution: You recommend using an Azure Policy initiative to enforce the location of resource groups. Does this meet the goal?

A. Yes
B. No

Answer: B

Explanation:
This solution does not meet the goal because an Azure Policy initiative can only enforce the location of resources, not resource groups. Resource groups are not a resource type that can be targeted by Azure Policy1. To enforce the location of resource groups, you need to use Azure Resource Manager templates2 or Azure PowerShell3 to create them in the desired regions.
References:
1: Understand scope in Azure Policy 2: Create resource groups with Azure Resource Manager templates 3: Create resource groups with Azure PowerShell

NEW QUESTION 256
- (Exam Topic 5)
You ate designing a SQL database solution. The solution will include 20 databases that will be 20 GB each and have varying usage patterns. You need to recommend a database platform to host the databases. The solution must meet the following requirements:
• The compute resources allocated to the databases must scale dynamically.
• The solution must meet an SLA of 99.99% uptime.
• The solution must have reserved capacity.
• Compute charges must be minimized.
What should you include in the recommendation?

A. 20 databases on a Microsoft SQL server that runs on an Azure virtual machine
B. 20 instances of Azure SQL Database serverless
C. 20 databases on a Microsoft SQL server that runs on an Azure virtual machine in an availability set
D. an elastic pool that contains 20 Azure SQL databases

Answer: D

Explanation:
Azure SQL Database elastic pools are a simple, cost-effective solution for managing and scaling multiple databases that have varying and unpredictable usage demands. The databases in an elastic pool are on a single server and share a set number of resources at a set price. Elastic pools in Azure SQL Database enable SaaS developers to optimize the price performance for a group of databases within a prescribed budget while delivering performance elasticity for each database.
Guaranteed 99.995 percent uptime for SQL Database Reference:
https://docs.microsoft.com/en-us/azure/azure-sql/database/elastic-pool-overview https://azure.microsoft.com/en-us/pricing/details/sql-database/elastic/
https://www.azure.cn/en-us/support/sla/virtual-machines/
https://techcommunity.microsoft.com/t5/azure-sql/optimize-price-performance-with-compute-auto-scaling-in-az

NEW QUESTION 261
- (Exam Topic 5)
You plan to deploy the backup policy shown in the following exhibit.

Use the drop-down menus 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.

Virtual machines that are backed up using the policy can be recovered for up to a maximum of **[answer choice]**.

▼
90 days
26 weeks
36 months
45 months

The minimum recovery point objective (RPO) for virtual machines that are backed up by using the policy is **[answer choice]**.

▼
1 hour
1 day
1 week
1 month
1 year

A. Mastered
B. Not Mastered

Answer: A

Explanation:
https://docs.microsoft.com/en-us/azure/backup/backup-azure-vm-backup-faq#what-s-the-minimum-rpo-and-rto

NEW QUESTION 266
- (Exam Topic 5)
You have an app named App1 that uses an on-premises Microsoft SQL Server database named DB1. You plan to migrate DB1 to an Azure SQL managed instance.
You need to enable customer-managed Transparent Data Encryption (TDE) for the instance. The solution must maximize encryption strength.
Which type of encryption algorithm and key length should you use for the TDE protector?

A. AES256
B. RSA4096
C. RSA2048
D. RSA3072

Answer: D

NEW QUESTION 271
- (Exam Topic 5)
You plan to deploy Azure Databricks to support a machine learning application. Data engineers will mount an Azure Data Lake Storage account to the Databricks file system. Permissions to folders are granted directly to the data engineers.
You need to recommend a design for the planned Databrick deployment. The solution must meet the following requirements:

≫ Ensure that the data engineers can only access folders to which they have permissions.

≫ Minimize development effort.

≫ 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.

Answer Area

Databricks SKU:

▼
Premium
Standard

Cluster configuration:

▼
Credential passthrough
Managed identities
MLflow
A runtime that contains Photon
Secret scope

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: Standard
Choose Standard to minimize costs. Box 2: Credential passthrough
Athenticate automatically to Azure Data Lake Storage Gen1 (ADLS Gen1) and Azure Data Lake Storage Gen2 (ADLS Gen2) from Azure Databricks clusters using the same Azure Active Directory (Azure AD) identity that you use to log into Azure Databricks. When you enable Azure Data Lake Storage credential passthrough for your cluster, commands that you run on that cluster can read and write data in Azure Data Lake Storage without requiring you to configure service principal credentials for access to storage.
Reference:
https://docs.microsoft.com/en-us/azure/databricks/security/credential-passthrough/adls-passthrough

NEW QUESTION 275
- (Exam Topic 5)
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.
Your company plans to deploy various Azure App Service instances that will use Azure SQL databases. The App Service instances will be deployed at the same time as the Azure SQL databases.
The company has a regulatory requirement to deploy the App Service instances only to specific Azure regions. The resources for the App Service instances must reside in the same region.
You need to recommend a solution to meet the regulatory requirement.
Solution: You recommend using an Azure policy initiative to enforce the location. Does this meet the goal?

A. Yes
B. No

Answer: A

Explanation:
Azure Resource Policy Definitions can be used which can be applied to a specific Resource Group with the App Service instances.
Reference:
https://docs.microsoft.com/en-us/azure/governance/policy/overview

NEW QUESTION 279
- (Exam Topic 5)
You have an Azure subscription that contains a Windows Virtual Desktop tenant. You need to recommend a solution to meet the following requirements:

≫ Start and stop Windows Virtual Desktop session hosts based on business hours.

≫ Scale out Windows Virtual Desktop session hosts when required.

≫ Minimize compute costs.
What should you include in the recommendation?

A. Microsoft Intune
B. a Windows Virtual Desktop automation task
C. Azure Automation
D. Azure Service Health

Answer: C

Explanation:
Reference:
https://www.ciraltos.com/automatically-start-and-stop-wvd-vms-with-azure-automation/ https://wvdlogix.net/windows-virtual-desktop-host-pool-automation-2 https://getnerdio.com/academy/how-to-optimize-windows-virtual-desktop-wvd-azure-costs-with-event-based-au

NEW QUESTION 284
- (Exam Topic 5)
You are designing a data pipeline that will integrate large amounts of data from multiple on-premises Microsoft SQL Server databases into an analytics platform in Azure. The pipeline will include the following actions:
• Database updates will be exported periodically into a staging area in Azure Blob storage.
• Data from the blob storage will be cleansed and transformed by using a highly parallelized load process.
• The transformed data will be loaded to a data warehouse.
• Each batch of updates will be used to refresh an online analytical processing (OLAP) model in a managed serving layer.
• The managed serving layer will be used by thousands of end users. You need to implement the data warehouse and serving layers.
What should you use? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

Answer Area

To implement the data warehouse:
- An Apache Spark pool in Azure Synapse Analytics
- An Azure Synapse Analytics dedicated SQL pool
- Azure Data Lake Analytics

To implement the serving layer:
- Azure Analysis Services
- An Apache Spark pool Azure Synapse Analytics
- An Azure Synapse Analytics dedicated SQL pool

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

To implement the data warehouse:	
An Apache Spark pool in Azure Synapse Analytics	
An Azure Synapse Analytics dedicated SQL pool	
Azure Data Lake Analytics	

To implement the serving layer:	
Azure Analysis Services	
An Apache Spark pool Azure Synapse Analytics	
An Azure Synapse Analytics dedicated SQL pool	

NEW QUESTION 286
- (Exam Topic 5)
Your company has the divisions shown in the following table.

Division	Azure subscription	Azure Active Directory (Azure AD) tenant
East	Sub1, Sub2	East.contoso.com
West	Sub3, Sub4	West.contoso.com

You plan to deploy a custom application to each subscription. The application will contain the following: ≫ A resource group

≫ An Azure web app

≫ Custom role assignments

≫ An Azure Cosmos DB account

You need to use Azure Blueprints to deploy the application to each subscription.
What is the minimum number of objects required to deploy the application? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

Management groups:
1
2
3
4

Blueprint definitions:
1
2
3
4

Blueprint assignments:
1
2
3
4

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: 2
One management group for East, and one for West.
When creating a blueprint definition, you'll define where the blueprint is saved. Blueprints can be saved to a management group or subscription that you have Contributor access to. If the location is a management group, the blueprint is available to assign to any child subscription of that management group.
Box 2: 2
Box 3: 4
One assignment for each subscription.
"Assigning a blueprint definition to a management group means the assignment object exists at the management group. The deployment of artifacts still targets a

subscription. To perform a management group assignment, the Create Or Update REST API must be used and the request body must include a value for properties.scope to define the target subscription."
https://docs.microsoft.com/en-us/azure/governance/blueprints/overview#blueprint-assignment

NEW QUESTION 289
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