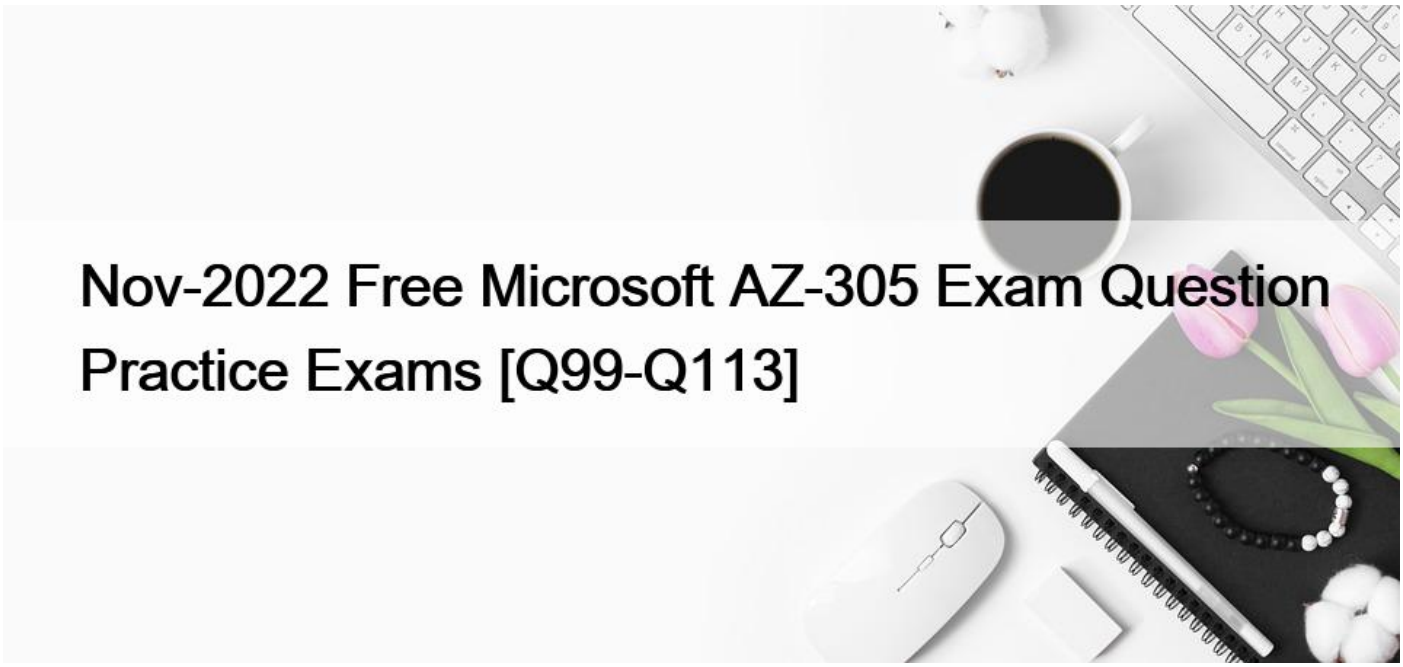
Nov-2022 Free Microsoft AZ-305 Exam Question Practice Exams [Q99-Q113



Nov-2022 Free Microsoft AZ-305 Exam Question Practice Exams Ace AZ-305 Certification with 215 Actual Questions

How To Study Properly For Microsoft AZ-305 Certification Exam?

The Microsoft AZ-305 Certification Exam is a difficult exam. This means that you will have to prepare yourself well for the Microsoft AZ-305 Certification Exam. Here are some of the things that you can do to prepare yourself for the Microsoft AZ-305 Certification Exam

You will have to make a study plan before writing the Microsoft AZ-305 Certification Exam. This means that you should make a study intent for the Microsoft AZ-305 Certification Exam. You should learn how to manage your time properly to write the Microsoft AZ-305 Certification Exam. You will have to learn some basic English phrases and expressions to pass the Microsoft AZ-305 Certification Exam. You should learn how to write the Microsoft AZ-305 Certification Exam in English. You will have to learn some English expressions to pass the Microsoft AZ-305 Certification Exam.

You should learn the concepts of the Microsoft AZ-305 Certification Exam. This means that you will have to learn how to manage your time properly to write the Microsoft AZ-305 Certification Exam. You will have to learn some basic Microsoft Azure concepts to pass the Microsoft AZ-305 Certification Exam. You should make study material like **AZ-305 exam dumps** for the Microsoft AZ-305 Certification Exam. This means that you will have to prepare a lot of study material for the Microsoft AZ-305 Certification Exam. You should prepare yourself for the Microsoft AZ-305 Certification Exam. The online engine can let you know about the compliance, disaster recovery of networks. You can take help from this to write the Microsoft AZ-305 Certification Exam.

You will have to make study material for the Microsoft AZ-305 Certification Exam. You will have to practice a lot for the Microsoft AZ-305 Certification Exam. To migrate and data integration will help you to write the Microsoft AZ-305 Certification Exam. You should learn some basic concepts of data migration and data integration to pass the Microsoft AZ-305 Certification Exam. You should learn some basic concepts of security, networking, connectivity, integration, and availability to pass the Microsoft AZ-305 Certification Exam.

Skills measured - Download the study guide in the preceding ?Tip? box for more details about the skills measured on this exam.- Design data storage solutions (25-30%)- Design business continuity solutions (10-15%)- Design infrastructure solutions

(25-30%)- Design identity, governance, and monitoring solutions (25-30%) **NO.99** 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.

Statements	Yes	No
The API is available to partners over the Internet.	○	○
The APIM instance can access real-time data from VM1.	○	○
A VPN gateway is required for partner access.	○	○

Statements	Yes	No
The API is available to partners over the Internet.	○	○
The APIM instance can access real-time data from VM1.	○	○
A VPN gateway is required for partner access.	○	○

Reference:

https://docs.microsoft.com/en-us/azure/api-management/api-management-using-with-vnet

NO.100 You have an Azure subscription that contains the resources shown in the following table.

Name	Type	Kind	Location
storage1	Azure Storage account	Storage	East US
storage2	Azure Storage account	StorageV2	East US
Workspace1	Azure Log Analytics workspace	*Not applicable*	East US
Workspace2	Azure Log Analytics workspace	*Not applicable*	East US
Hub1	Azure event hub	*Not applicable*	East US

You create an Azure SQL database named DB1 that is hosted in the East US region.

To DB1, you add a diagnostic setting named Settings1. Settings1 archives SQLInsights to storage1 and sends SQLInsights to Workspace1.

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

NOTE: Each correct selections is worth one point.

Statements	Yes	No
You can add a new diagnostic setting that archives SQLInsights logs to storage2.	○	○
You can add a new diagnostic setting that sends SQLInsights logs to Workspace2.	○	○
You can add a new diagnostic setting that sends SQLInsights logs to Hub1.	○	○

Statements	Yes	No
You can add a new diagnostic setting that archives SQLInsights logs to storage2.	○	○
You can add a new diagnostic setting that sends SQLInsights logs to Workspace2.	○	○
You can add a new diagnostic setting that sends SQLInsights logs to Hub1.	○	○

NO.101 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.

Storage account type:
- Premium page blobs
- Premium file shares
- Standard general-purpose v2

Configuration:
- NFSv3
- Large file shares
- Hierarchical namespace

Storage account type:
- Premium page blobs
- Premium file shares
- Standard general-purpose v2 ✓

Configuration:
- NFSv3 ✓
- Large file shares
- Hierarchical namespace

Reference:

https://docs.microsoft.com/en-us/azure/storage/blobs/data-protection-overview

NO.102 You have 100 servers that run Windows Server 2012 R2 and host Microsoft SQL Server 2012 R2 instances. The instances host databases that have the following characteristics:

The largest database is currently 3 TB. None of the databases will ever exceed 4 TB.

Stored procedures are implemented by using CLR.

You plan to move all the data from SQL Server to Azure.

You need to recommend an Azure service to host the databases. The solution must meet the following requirements:

Whenever possible, minimize management overhead for the migrated databases.

Minimize the number of database changes required to facilitate the migration.

Ensure that users can authenticate by using their Active Directory credentials.

What should you include in the recommendation?
* Azure SQL Database single databases
* Azure SQL Database Managed Instance
* Azure SQL Database elastic pools
* SQL Server 2016 on Azure virtual machines

Reference:

https://docs.microsoft.com/en-us/azure/sql-database/sql-database-managed-instance SQL Managed Instance allows existing SQL Server customers to lift and shift their on-premises applications to the cloud with minimal application and database changes. At the same time, SQL Managed Instance preserves all PaaS capabilities (automatic patching and version updates, automated backups, high availability) that drastically reduce management overhead and TCO.

https://docs.microsoft.com/en-us/azure/azure-sql/managed-instance/transact-sql-tsql-differences-sql-server#clr

https://docs.microsoft.com/en-gb/azure/azure-sql/database/transact-sql-tsql-differences-sql-server#transact-sql-syntax-not-supported-in-azure-sql-database

NO.103 You have an Azure subscription that contains an Azure SQL database.

You plan to use Azure reservations on the Azure SQL database.

To which resource type will the reservation discount be applied?
* vCore compute
* DTU compute
* Storage
* License

Quantity: The amount of compute resources being purchased within the capacity reservation. The quantity is a number of vCores in the selected Azure region and Performance tier that are being reserved and will get the billing discount. For example, if you run or plan to run multiple databases with the total compute capacity of Gen5 16 vCores in the East US region, then you would specify the

quantity as 16 to maximize the benefit for all the databases.

Reference:

https://docs.microsoft.com/en-us/azure/azure-sql/database/reserved-capacity-overview

NO.104 You have an Azure subscription that contains the SQL servers shown in the following table.

Name	Resource group	Location
SQLsvr1	RG1	East US
SQLsvr2	RG2	West US

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

Name	Resource group	Location	Account kind
storage1	RG1	East US	StorageV2 (general purpose v2)
storage2	RG2	Central US	BlobStorage

You create the Azure SQL databases shown in the following table.

Name	Resource group	Server	Pricing tier
SQLdb1	RG1	SQLsvr1	Standard
SQLdb2	RG1	SQLsvr1	Standard
SQLdb3	RG2	SQLsvr2	Premium

Answer Area

Statements	Yes	No
When you enable auditing for SQLdb1, you can store the audit information to storage1.	○	○
When you enable auditing for SQLdb2, you can store the audit information to storage2.	○	○
When you enable auditing for SQLdb3, you can store the audit information to storage2.	○	○

Answer Area

Statements	Yes	No
When you enable auditing for SQLdb1, you can store the audit information to storage1.	○	○
When you enable auditing for SQLdb2, you can store the audit information to storage2.	○	○
When you enable auditing for SQLdb3, you can store the audit information to storage2.	○	○

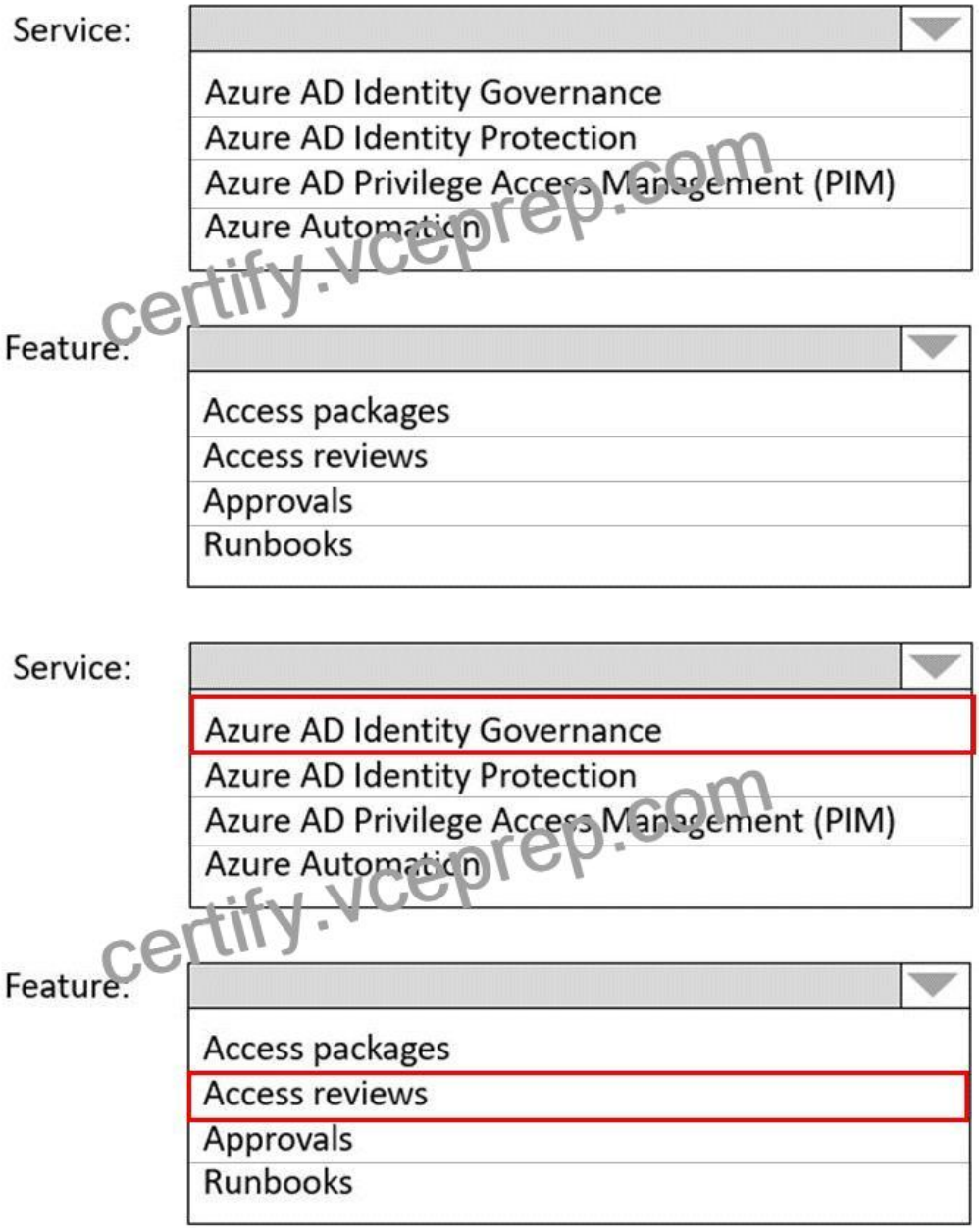
Reference:

https://docs.microsoft.com/en-us/azure/sql-database/sql-database-auditing

https://docs.microsoft.com/en-us/previous-versions/azure/dn741340(v=azure.100)?redirectedfrom=MSDN

NO.105 What should you implement to meet the identity requirements? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.



Reference:

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

NO.106 You are planning an Azure Storage solution for sensitive dat

a. The data will be accessed daily. The data set is less than 10 GB.

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

* All the data written to storage must be retained for five years.

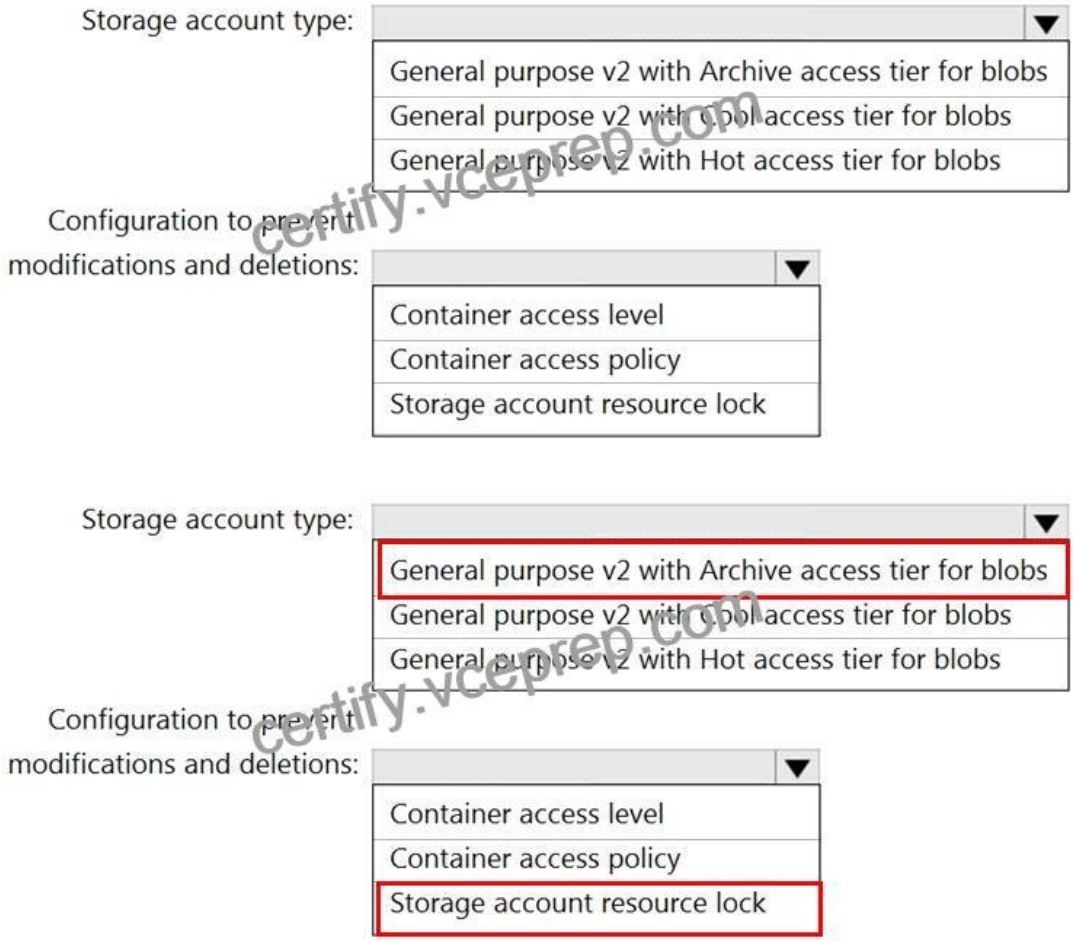
* Once the data is written, the data can only be read. Modifications and deletion must be prevented.

* After five years, the data can be deleted, but never modified.

* Data access charges must be minimized

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

NOTE: Each correct selection is worth one point.



Reference:

https://docs.microsoft.com/en-us/azure/storage/blobs/storage-blob-storage-tiers

NO.107 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).

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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
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The API is available to partners over the Internet.	○	○
The APIM instance can access real-time data from VM1.	○	○
A VPN gateway is required for partner access.	○	○

Reference:

https://docs.microsoft.com/en-us/azure/api-management/api-management-using-with-vnet

NO.108 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.

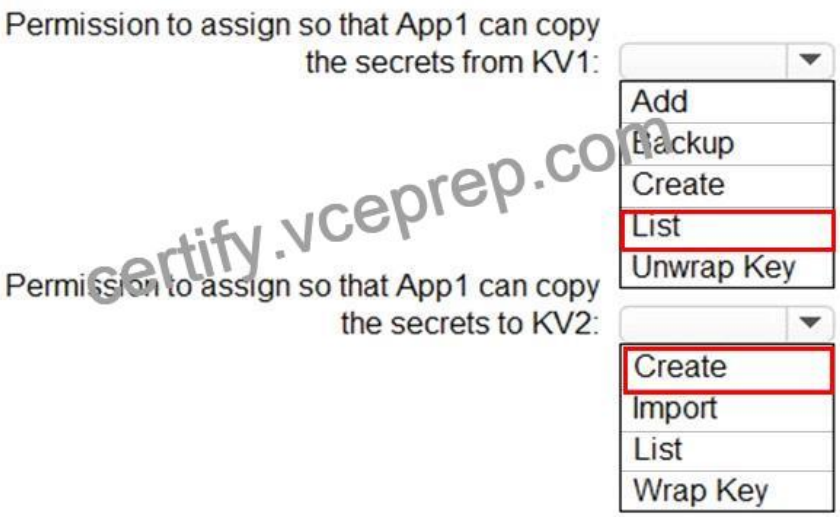
NOTE: Each correct selection is worth one point.

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



Reference:

https://docs.microsoft.com/en-us/rest/api/keyvault/

NO.109 You need to recommend a strategy for migrating the database content of WebApp1 to Azure. What should you include in the recommendation?

* Use Azure Site Recovery to replicate the SQL servers to Azure.
* Use SQL Server transactional replication.
* Copy the BACPAC file that contains the Azure SQL database file to Azure Blob storage.
* Copy the VHD that contains the Azure SQL database files to Azure Blob storage

Before you upload a Windows virtual machine (VM) from on-premises to Azure, you must prepare the virtual hard disk (VHD or VHDX).

Scenario: WebApp1 has a web tier that uses Microsoft Internet Information Services (IIS) and a database tier that runs Microsoft SQL Server 2016. The web tier and the database tier are deployed to virtual machines that run on Hyper-V.

Reference:

https://docs.microsoft.com/en-us/azure/virtual-machines/windows/prepare-for-upload-vhd-image

Topic 2, Litware, Inc

General Overview

Litware, Inc. is a medium-sized finance company.

Overview

Physical Locations

Litware has a main office in Boston.

Existing Environment

Identity Environment

The network contains an Active Directory forest named Litware.com that is linked to an Azure Active Directory (Azure AD) tenant named Litware.com. All users have Azure Active Directory Premium P2 licenses.

Litware has a second Azure AD tenant named dev.Litware.com that is used as a development environment.

The Litware.com tenant has a conditional access policy named capolicy1. Capolicy1 requires that when users manage the Azure subscription for a production environment by using the Azure portal, they must connect from a hybrid Azure AD-joined device.

Existing Environment. Azure Environment

Litware has 10 Azure subscriptions that are linked to the Litware.com tenant and five Azure subscriptions that are linked to the dev.Litware.com tenant. All the subscriptions are in an Enterprise Agreement (EA).

The Litware.com tenant contains a custom Azure role-based access control (Azure RBAC) role named Role1 that grants the DataActions read permission to the blobs and files in Azure Storage.

Existing Environment. On-premises Environment

The on-premises network of Litware contains the resources shown in the following table.

Name	Type	Configuration
SERVER1 SERVER2 SERVER3	Ubuntu 18.04 vitual machines hosted on Hyper-V	The vitual machines host a third-party app named App1. App1 uses an external storage solution that provides Apache Hadoop-compatible data storage. The data storage supports POSIX access control list (ACL) file-level permissions.
SERVER10	Server that runs Windows Server 2016	The server contains a Microsoft SQL Server instance that hosts two databases named DB1 and DB2.

Existing Environment. Network Environment

Litware has ExpressRoute connectivity to Azure.

Planned Changes and Requirements. Planned Changes

Litware plans to implement the following changes:

Migrate DB1 and DB2 to Azure.

Migrate App1 to Azure virtual machines.

Deploy the Azure virtual machines that will host App1 to Azure dedicated hosts.

Planned Changes and Requirements.

Authentication and Authorization Requirements

Litware identifies the following authentication and authorization requirements:

Users that manage the production environment by using the Azure portal must connect from a hybrid Azure AD-joined device and authenticate by using Azure Multi-Factor Authentication (MFA).

The Network Contributor built-in RBAC role must be used to grant permission to all the virtual networks in all the Azure subscriptions.

To access the resources in Azure, App1 must use the managed identity of the virtual machines that will host the app.

Role1 must be used to assign permissions to the storage accounts of all the Azure subscriptions.

RBAC roles must be applied at the highest level possible.

Planned Changes and Requirements. Resiliency Requirements

Litware identifies the following resiliency requirements:

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.

App1 must meet the following requirements:

– Be hosted in an Azure region that supports availability zones.

– Be hosted on Azure virtual machines that support automatic scaling.

– Maintain availability if two availability zones in the local Azure region fail.

Planned Changes and Requirements. Security and Compliance Requirements

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.

Planned Changes and Requirements. Business Requirements

Litware identifies the following business requirements:

Minimize administrative effort.

Minimize costs.

NO.110 You have an Azure subscription.

You need to deploy 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.

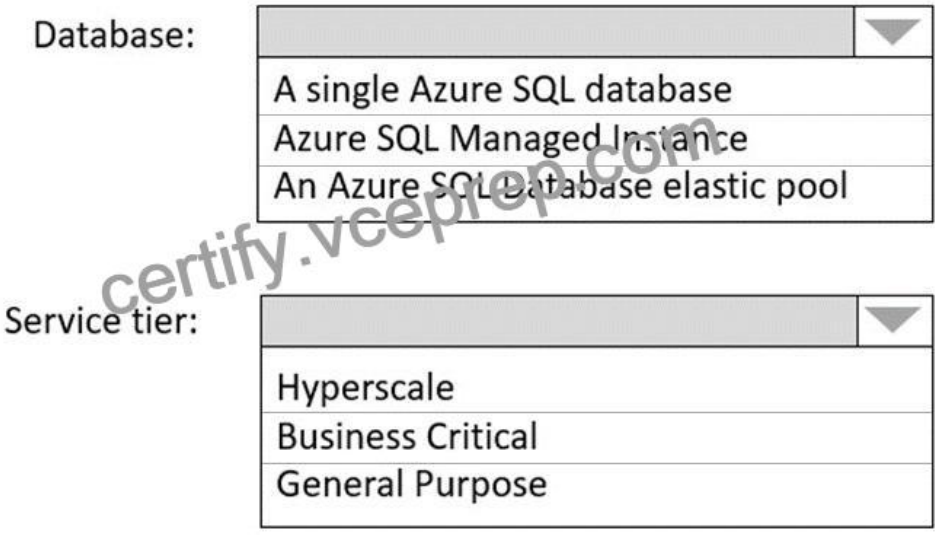
Support autoscaling of Linux containers.

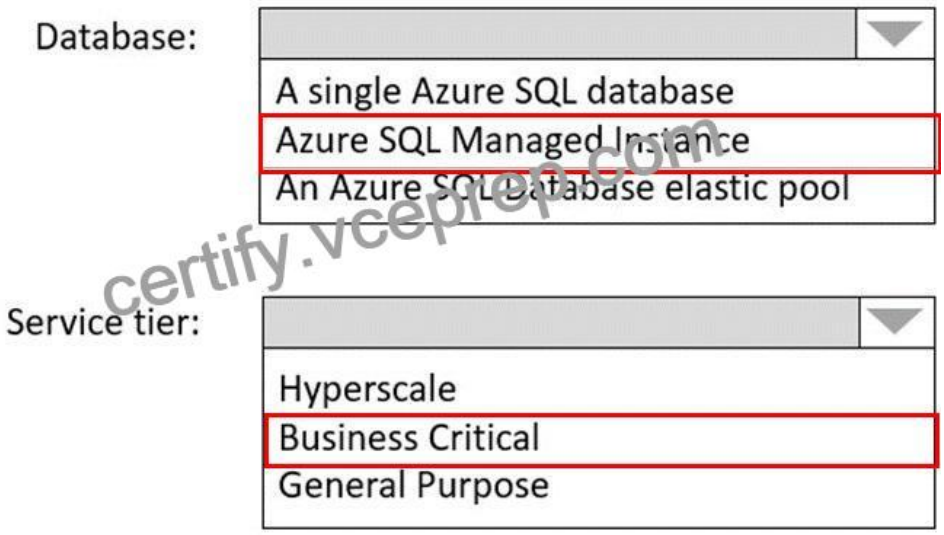
Minimize administrative effort.

Which scaling option should you recommend?
* Virtual Kubelet
* cluster autoscaler
* horizontal pod autoscaler
* AKS virtual nodes

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

NO.111 How should the migrated databases DB1 and DB2 be implemented in Azure?



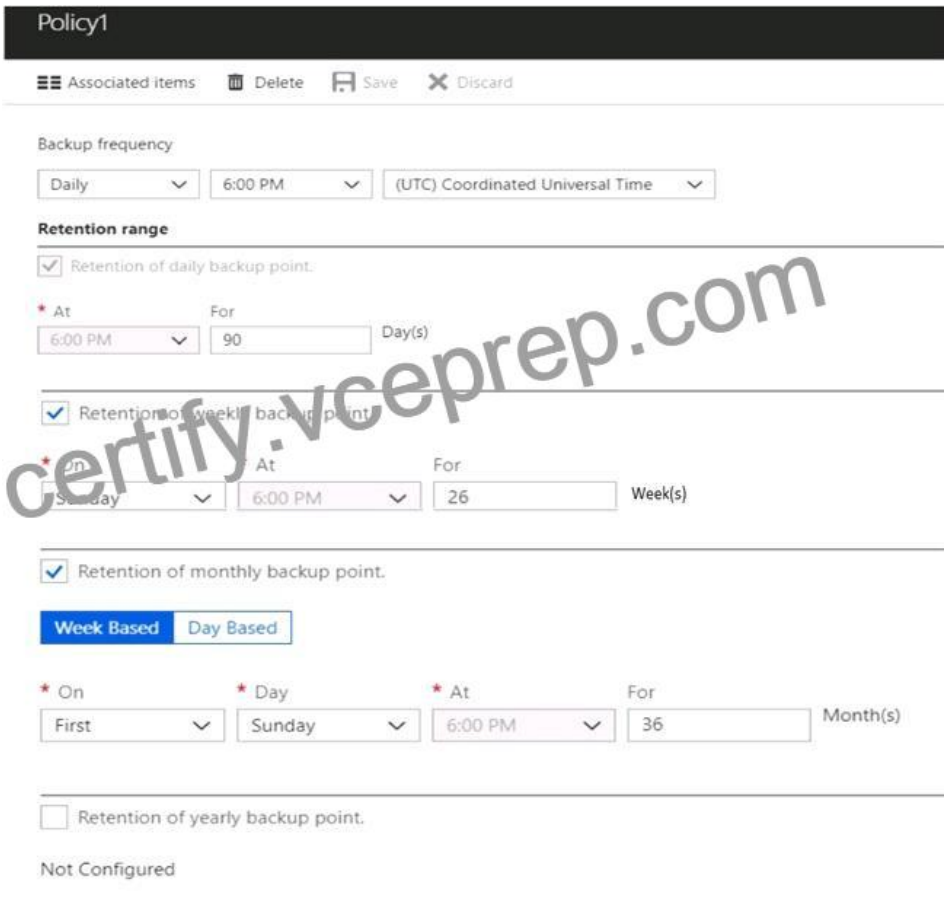


Reference:

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

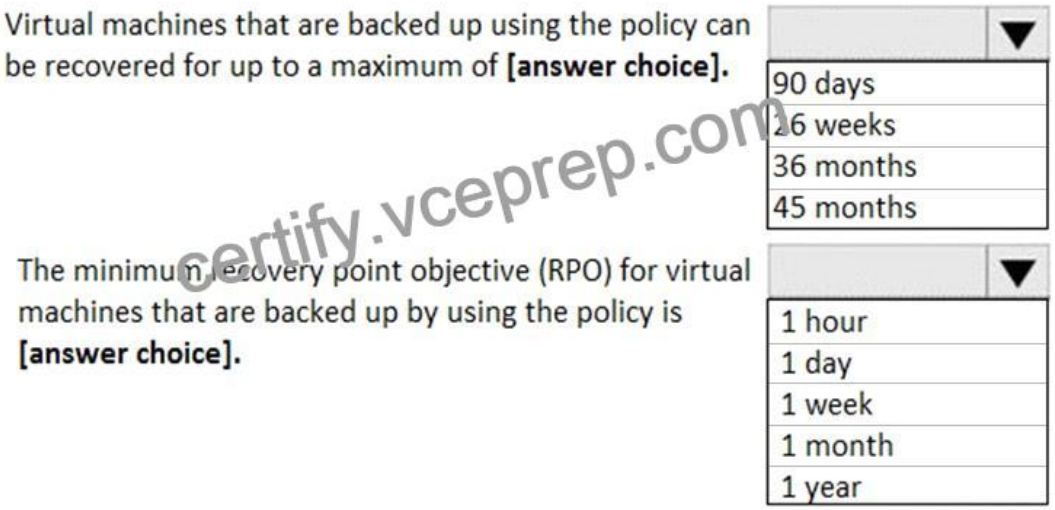
https://docs.microsoft.com/en-us/azure/azure-sql/managed-instance/sql-managed-instance-paas-overview

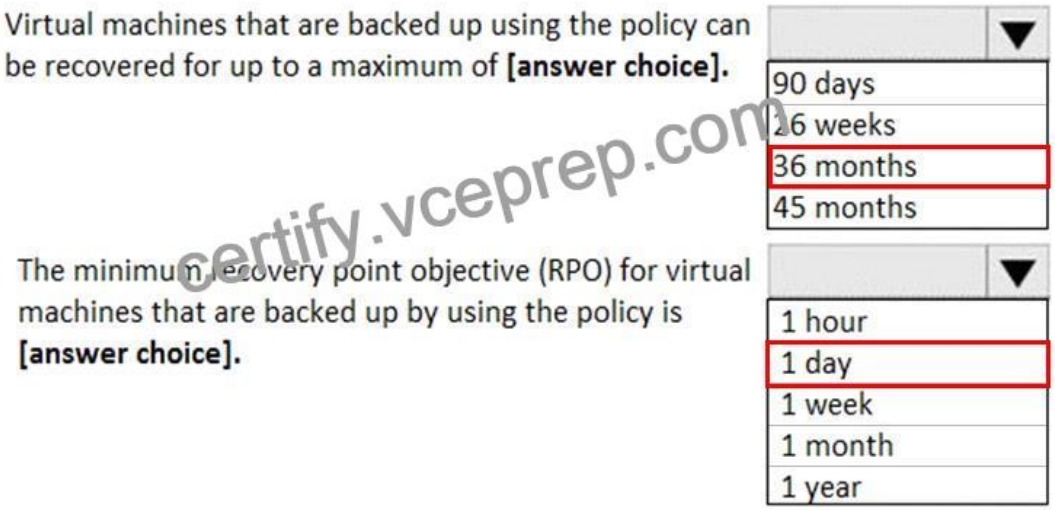
NO.112 You plan to deploy the backup policy shown in the following exhibit.



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.





NO.113 You have an Azure subscription named Subscription1 that is linked to a hybrid Azure Active Directory (Azure AD) tenant.

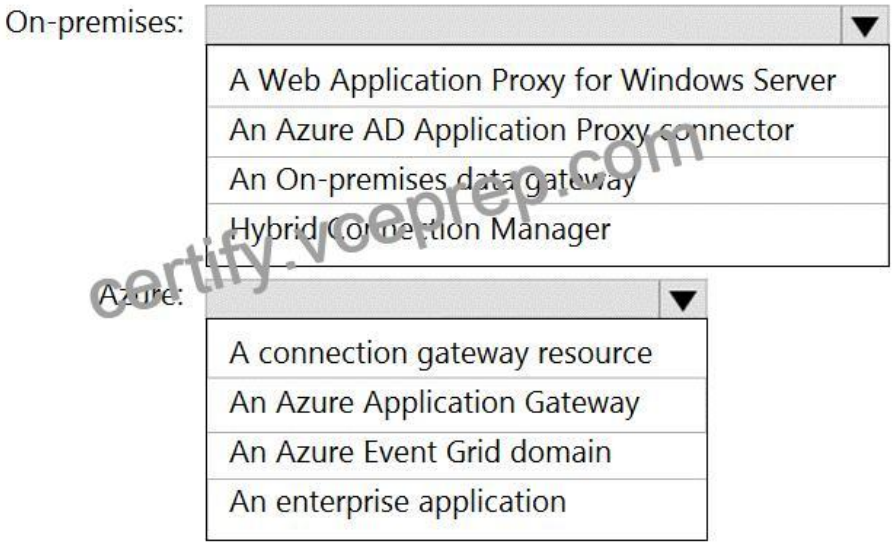
You have an on-premises datacenter that does NOT have a VPN connection to Subscription1. The datacenter contains a computer named Server1 that has Microsoft SQL Server 2016 installed. Server1 is prevented from accessing the internet.

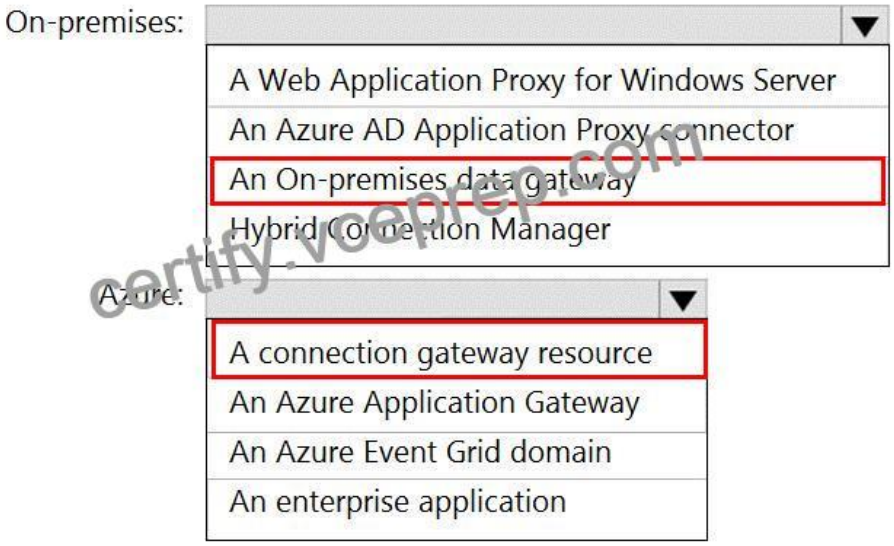
An Azure logic app named LogicApp1 requires write access to a database on Server1.

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.





Reference:

https://docs.microsoft.com/en-us/azure/connectors/connectors-create-api-sqlazure

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