Real AZ-305 Questions & AZ-305 Exam Vce Format

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Our AZ-305 Exam Braindumps are the hard-won fruit of our experts with their unswerving efforts in designing products and choosing test questions. Pass rate is what we care for preparing for an examination, which is the final goal of our AZ-305 certification guide. According to the feedback of our users, we have the pass rate of 99%, which is equal to 100% in some sense. The high quality of our products also embodies in its short-time learning. You are only supposed to practice Designing Microsoft Azure Infrastructure Solutions guide torrent for about 20 to 30 hours before you are fully equipped to take part in the examination.

Microsoft AZ-305 Exam is based on the latest Azure platform and covers a range of topics, including Azure virtual machines, Azure storage, Azure virtual networking, Azure Active Directory, Azure policy, and Azure governance. AZ-305 exam is ideal for IT professionals who want to demonstrate their expertise in designing and implementing Azure solutions, and for those who want to advance their career in cloud computing. AZ-305 exam is also suitable for developers, architects, and administrators who work with Azure and want to validate their skills and knowledge in the field. Candidates who pass the Microsoft AZ-305 Exam will earn the Microsoft Certified: Azure Solutions Architect Expert certification, which is a highly sought-after credential in the industry.

The Microsoft AZ-305 exam consists of 40-60 multiple-choice questions, and candidates have 150 minutes to complete it. The passing score for the exam is 700 out of 1000. Microsoft recommends that candidates have at least two years of experience designing Azure solutions, as well as experience with Azure administration, Azure development, and DevOps.

Schedule exam

Languages: English, Japanese, Chinese (Simplified), Korean, German, French, Spanish, Portuguese (Brazil), Arabic (Saudi Arabia), Russian, Chinese (Traditional), Italian, Indonesian (Indonesia)

This exam measures your ability to accomplish the following technical tasks: design identity, governance, and monitoring solutions; design data storage solutions; design business continuity solutions; and design infrastructure solutions.

AZ-305 Exam Vce Format, AZ-305 Exam Tutorial

The Desktop Microsoft AZ-305 Practice Exam Software contains real Microsoft AZ-305 exam questions. This provides you with a realistic experience of being in an Microsoft AZ-305 examination setting. This feature assists you in becoming familiar with the layout of the Microsoft AZ-305 test and enhances your ability to do well on Designing Microsoft Azure Infrastructure Solutions (AZ-305) examination.

Microsoft Designing Microsoft Azure Infrastructure Solutions Sample Questions (Q319-Q324):

NEW QUESTION # 319
You plan to create an Azure environment that will contain a root management group and 10 child management groups. Each child management group will contain five Azure subscriptions. You plan to have between 10 and
30 resource groups in each subscription.
You need to design an Azure governance solution. The solution must meet the following requirements:
* Use Azure Blueprints to control governance across all the subscriptions and resource groups.
* Ensure that Blueprints-based configurations are consistent across all the subscriptions and resource groups.
* Minimize the number of blueprint definitions and assignments.
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:

Explanation:

Explanation
1. Root management group
2. The subscriptions
Reference: https://docs.microsoft.com/en-us/azure/governance/blueprints/create-blueprint-portal Assign a blueprint After a blueprint has been published, it can be assigned to a subscription. Assign the blueprint that you created to one of the subscriptions under your management group hierarchy. If the blueprint is saved to a subscription, it can only be assigned to that subscription.

NEW QUESTION # 320
Your company deploys several Linux and Windows virtual machines (VMs) to Azure. The VMs are deployed with the Microsoft Dependency Agent and the Log Analytics Agent installed by using Azure VM extensions.
On-premises connectivity has been enabled by using Azure ExpressRoute.
You need to design a solution to monitor the VMs.

Which Azure monitoring services should you use? To answer, select the appropriate Azure monitoring services in the answer area.
NOTE: Each correct selection is worth one point.

Scenario	Azure Monitoring Service
Analyze Network Security Group (NSG) flow logs for VMs attempting Internet access.	▼ Azure Traffic Analytics Azure ExpressRoute Monitor Azure Service Endpoint Monitor Azure DNS Analytics
Visualize the VMs with their different processes and dependencies on other computers and external processes.	▼ Azure Service Map Azure Activity Log Azure Service Health Azure Advisor

Answer:

Explanation:

Scenario	Azure Monitoring Service
Analyze Network Security Group (NSG) flow logs for VMs attempting Internet access.	▼ Azure Traffic Analytics Azure ExpressRoute Monitor Azure Service Endpoint Monitor Azure DNS Analytics
Visualize the VMs with their different processes and dependencies on other computers and external processes.	▼ Azure Service Map Azure Activity Log Azure Service Health Azure Advisor

Explanation
Graphical user interface, text, application Description automatically generated

Scenario	Azure Monitoring Service
Analyze Network Security Group (NSG) flow logs for VMs attempting Internet access.	▼ Azure Traffic Analytics Azure ExpressRoute Monitor Azure Service Endpoint Monitor Azure DNS Analytics
Visualize the VMs with their different processes and dependencies on other computers and external processes.	▼ Azure Service Map Azure Activity Log Azure Service Health Azure Advisor

Box 1: Azure Traffic Analytics
Traffic Analytics is a cloud-based solution that provides visibility into user and application activity in cloud networks. Traffic analytics analyzes Network Watcher network security group (NSG) flow logs to provide insights into traffic flow in your Azure cloud. With traffic analytics, you can:
* Identify security threats to, and secure your network, with information such as open-ports, applications attempting internet access, and virtual machines (VM) connecting to rogue networks.
* Visualize network activity across your Azure subscriptions and identify hot spots.
* Understand traffic flow patterns across Azure regions and the internet to optimize your network deployment for performance and capacity.

* Pinpoint network misconfigurations leading to failed connections in your network.
Box 2: Azure Service Map
Service Map automatically discovers application components on Windows and Linux systems and maps the communication between services. With Service Map, you can view your servers in the way that you think of them: as interconnected systems that deliver critical services. Service Map shows connections between servers, processes, inbound and outbound connection latency, and ports across any TCP-connected architecture, with no configuration required other than the installation of an agent.
References:
https://docs.microsoft.com/en-us/azure/network-watcher/traffic-analytics
https://docs.microsoft.com/en-us/azure/azure-monitor/insights/service-map

NEW QUESTION # 321
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. No
- B. Yes

Answer: A

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 # 322
You deploy several Azure SQL Database instances.
You plan to configure the Diagnostics settings on the databases as 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.

Answer:

Explanation:

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

Explanation
Graphical user interface, text, application Description automatically generated

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

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 # 323
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

Answer:

Explanation:

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

Configuration:	▼
NFSv3
Large file shares
Hierarchical namespace

Explanation:
Text, table Description automatically generated

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

Configuration:	▼
NFSv3
Large file shares
Hierarchical namespace

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

Topic 1, Litware, Inc

Case Study

This is a case study. Case studies are not timed separately. You can use as much exam time as you would like to complete each case. However, there may be additional case studies and sections on this exam. You must manage your time to ensure that you are able to complete all questions included on this exam in the time provided.

To answer the questions included in a case study, you will need to reference information that is provided in the case study. Case studies might contain exhibits and other resources that provide more information about the scenario that is described in the case study. Each question is independent of the other questions in this case study.

At the end of this case study, a review screen will appear. This screen allows you to review your answers and to make changes before you move to the next section of the exam. After you begin a new section, you cannot return to this section.

To start the case study

To display the first question in this case study, click the Next button. Use the buttons in the left pane to explore the content of the case study before you answer the questions. Clicking these buttons displays information such as business requirements, existing environment, and problem statements. If the case study has an All Information tab, note that the information displayed is identical to the information displayed on the subsequent tabs. When you are ready to answer a question, click the Question button to return to the question.

Overview. 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 acess 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.

NEW QUESTION # 324

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