New AZ-305 Test Practice, Review AZ-305 Guide

NEW AZ 305 PRACTICE TEST #3 DESIGNING MICROSOFT AZURE INFRASTRUCTURE 2024 QUESTIONS AND CORRECT DETAILED ANSWERS (VERIFIED ANSWERS) |ALREADY GRADED A+ HIGHSCORE PASS!!!

What is Azure Container Networking Interface (CNI)? - CORRECT ANSWER>>>>Every kubernetes pod gets an IP address from virtual network they are in and can communicate with each other

2 tools used together to gain performance data and monitor the solution of AKS clusters - CORRECT ANSWER>>>>1. Log analytics workspace
2. Azure Container Insights

What 3 things does Azure Key Vault Managed Hardware Security Module (HSM) allow? - CORRECT ANSWER>>>>1. Fully managed (provisioning, configuration, and maintenance is handled by the service)
2. Highly available and zone resilient (each HSM cluster spans 2 availability zones)
3. Single-tenant: Each managed HSM instance is dedicated to a single customer. Customer can handle their own keys as well

What does Azure Bastion allow? (3 things) - CORRECT ANSWER>>>>1. Protection against Port Scanning
2. Remote sessions over the firewall
3. Can connect via browser, and azure portal, or via RDP

4 methods to avoid SNAT port exhaustion? - CORRECT ANSWER>>>>1. connection pools
2. Service Endpoints
3. Private Endpoints
4. NAT Gateway

ExamDiscuss provides the most up-to-date Designing Microsoft Azure Infrastructure Solutions AZ-305 exam questions and practice material to assist you in preparing for the Microsoft AZ-305 exam. Our Designing Microsoft Azure Infrastructure Solutions AZ-305 exam questions preparation material helps countless people worldwide in becoming certified professionals. Our Designing Microsoft Azure Infrastructure Solutions AZ-305 Exam Questions are available in three simple formats, allowing customers to select the most appropriate option according to their needs.

Microsoft AZ-305 (Designing Microsoft Azure Infrastructure Solutions) Exam is a certification exam offered by Microsoft for individuals who are interested in validating their skills in designing and implementing Microsoft Azure infrastructure solutions. AZ-305 exam is intended for individuals who have a good understanding of Azure services and are able to design and implement solutions that meet specific business requirements.

Microsoft AZ-305 Exam Syllabus Topics:

Topic	Details
Design Identity, Governance, and Monitoring Solutions (25-30%)	

Design a solution for logging and monitoring	- design a log routing solution - recommend an appropriate level of logging - recommend monitoring tools for a solution
Design authentication and authorization solutions	- recommend a solution for securing resources with role-based access control - recommend an identity management solution - recommend a solution for securing identities
Design governance	- recommend an organizational and hierarchical structure for Azure resources - recommend a solution for enforcing and auditing compliance
Design identities and access for applications	- recommend solutions to allow applications to access Azure resources - recommend a solution that securely stores passwords and secrets - recommend a solution for integrating applications into Azure Active Directory (Azure AD) - recommend a user consent solution for applications

Design Data Storage Solutions (25-30%)

Design a data storage solution for relational data	- recommend database service tier sizing - recommend a solution for database scalability - recommend a solution for encrypting data at rest, data in transmission, and data in use
Design data integration	- recommend a solution for data integration - recommend a solution for data analysis
Recommend a data storage solution	- recommend a solution for storing relational data - recommend a solution for storing semi-structured data - recommend a solution for storing non-relational data
Design a data storage solution for non-relational data	- recommend access control solutions to data storage - recommend a data storage solution to balance features, performance, and cost - design a data solution for protection and durability

>> New AZ-305 Test Practice <<

Pass Guaranteed Quiz Microsoft - AZ-305 - Designing Microsoft Azure Infrastructure Solutions –Efficient New Test Practice

They are using outdated materials resulting in failure and loss of money and time. So to solve all these problems, ExamDiscuss offers actual AZ-305 Questions to help candidates overcome all the obstacles and difficulties they face during AZ-305 examination preparation. With vast experience in this field, ExamDiscuss always comes forward to provide its valued customers with authentic, actual, and genuine AZ-305 exam dumps at an affordable cost.

Microsoft Designing Microsoft Azure Infrastructure Solutions Sample Questions (Q28-Q33):

NEW QUESTION # 28
You need to recommend a data storage strategy for WebApp1.
What should you include in in the recommendation?

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

Answer: C

Explanation:
Topic 2, 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.

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 # 29
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.

Answer:

Explanation:

Explanation:

Explanation:
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 # 30
You have a resource group named RG1 that contains the objects shown in the following table.
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.

Answer:

Explanation:

Explanation:
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 # 31

You ate designing an Azure governance solution.

All Azure resources must be easily identifiable based on the following operational information environment, owner, department and cost center You need 10 ensure that you can use the operational information when you generate reports for the Azure resources.

What should you include in the solution?

- A. Azure Active Directory (Azure AD) administrative units
- B. an Azure management group that uses parent groups to create a hierarchy
- C. an Azure data catalog that uses the Azure REST API as a data source
- D. an Azure policy that enforces tagging rules

Answer: D

Explanation:

Explanation

You use Azure Policy to enforce tagging rules and conventions. By creating a policy, you avoid the scenario of resources being deployed to your subscription that don't have the expected tags for your organization.

Instead of manually applying tags or searching for resources that aren't compliant, you create a policy that automatically applies the needed tags during deployment.

Note: Organizing cloud-based resources is a crucial task for IT, unless you only have simple deployments. Use naming and tagging standards to organize your resources for these reasons:

Resource management: Your IT teams will need to quickly locate resources associated with specific workloads, environments, ownership groups, or other important information. Organizing resources is critical to assigning organizational roles and access permissions for resource management.

Reference:

https://docs.microsoft.com/en-us/azure/cloud-adoption-framework/decision-guides/resource-tagging

https://docs.microsoft.com/en-us/azure/azure-resource-manager/management/tag-policies

NEW QUESTION # 32

You are designing a data analytics solution that will use Azure Synapse and Azure Data Lake Storage Gen2.

You need to recommend Azure Synapse pools to meet the following requirements:

* Ingest data from Data Lake Storage into hash-distributed tables.

* Implement, query, and update data in Delta Lake.

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:

Explanation:

Explanation

Explanation

NEW QUESTION # 33

......

If you want to clear the Central Finance in Designing Microsoft Azure Infrastructure Solutions (AZ-305) test, then you need to study well with real Designing Microsoft Azure Infrastructure Solutions (AZ-305) exam dumps of ExamDiscuss. These Microsoft AZ-305 exam dumps are trusted and updated. We guarantee that you can easily crack the Designing Microsoft Azure Infrastructure Solutions (AZ-305) test if use our actual Central Finance in Designing Microsoft Azure Infrastructure Solutions (AZ-305) dumps.

Review AZ-305 Guide: https://www.examdiscuss.com/Microsoft/exam/AZ-305/

AZ-305 🗷 on 🗷 www.pdfvce.com 🗷 immediately to obtain a free download 🗷Valid AZ-305 Test Online

- AZ-305 Reliable Source 🗷 Latest AZ-305 Exam Papers 🗷 AZ-305 Reliable Braindumps Files 🗷 Search for 「AZ-305」 on 《 www.easy4engine.com 》 immediately to obtain a free download 🗷AZ-305 Vce Download
- Test AZ-305 Dates 🗷 Latest AZ-305 Exam Papers 🗷 AZ-305 Valid Exam Book 🗷 Immediately open ▸ www.pdfvce.com ◂ and search for ✔ AZ-305 🗷✔ 🗷 to obtain a free download 🗷Valid Test AZ-305 Tutorial
- AZ-305 Exam Questions Answers 🗷 AZ-305 Reliable Test Pdf 🗷 Latest AZ-305 Exam Papers 🗷 Search for ➡ AZ-305 🗷 and download it for free immediately on 🗷 www.troytecdumps.com 🗷 🗷Valid Test AZ-305 Bootcamp
- New AZ-305 Test Practice - Quiz Microsoft Realistic Review Designing Microsoft Azure Infrastructure Solutions Guide 🗷 Search on " www.pdfvce.com " for 【 AZ-305 】 to obtain exam materials for free download 🗷AZ-305 Reliable Test Prep
- Valid Test AZ-305 Tutorial 🗷 AZ-305 Reliable Source 🗷 AZ-305 Visual Cert Exam 🗷 Open ➤ www.examdiscuss.com 🗷 and search for ▸ AZ-305 ◂ to download exam materials for free 🗷Practice AZ-305 Exam Fee
- Quiz 2026 Microsoft Updated AZ-305: New Designing Microsoft Azure Infrastructure Solutions Test Practice 🗷 Search for ▸ AZ-305 ◂ and easily obtain a free download on 「 www.pdfvce.com 」 🗷AZ-305 Visual Cert Exam
- All Objectives for the Latest AZ-305 New Test Practice 🗷 Search for [AZ-305] on { www.exam4labs.com } immediately to obtain a free download 🗷AZ-305 Reliable Braindumps Files
- Valid Test AZ-305 Tutorial 🗷 AZ-305 Pass Guarantee 🗷 AZ-305 Reliable Braindumps Files 🗷 Open " www.pdfvce.com " enter 「 AZ-305 」 and obtain a free download 🗷AZ-305 Reliable Source
- New AZ-305 Test Preparation 🗷 Test AZ-305 Dates 🗷 AZ-305 Visual Cert Exam ☎ Simply search for 🗷 AZ-305 🗷 for free download on ✔ www.vce4dumps.com 🗷✔ 🗷 🗷AZ-305 Reliable Test Prep
- www.stes.tyc.edu.tw, bbs.t-firefly.com, myportal.utt.edu.tt, www.stes.tyc.edu.tw, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, www.stes.tyc.edu.tw, myportal.utt.edu.tt, Disposable vapes

P.S. Free 2026 Microsoft AZ-305 dumps are available on Google Drive shared by ExamDiscuss: https://drive.google.com/open?id=1ErrIJpzDkKbMSC1ic0xfNM9_Y-3dPSdg