

70-535 Dumps

Architecting Microsoft Azure Solutions

<https://www.certleader.com/70-535-dumps.html>



NEW QUESTION 1

You are designing an Azure Media Services solution. The solution must meet the following requirements: ? Allow only authenticated users to play back media. ? Ensure that media playback uses dynamic and envelope encryption.

Which three actions should you recommend? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

- A. Configure the media encoder to use AES clear key encryption.
- B. Encode source files into single-bitrate MP4 files.
- C. Configure a content key authorization policy.
- D. Configure the media encoder to use DRM encryption.
- E. Configure an asset delivery policy.
- F. Encode source files into adaptive-bitrate MP4 files.
- G. Encrypt the files using AES 256 bit encryption and upload to Azure Storage.

Answer: BCE

Explanation: References:

<https://github.com/MicrosoftDocs/azure-docs/blob/master/articles/media-services/media-services-protect-with-ae>

NEW QUESTION 2

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 Internet Load Balancer (ILB)
- B. Azure Load Balancer
- C. Azure Traffic Manager
- D. Azure Application Gateway

Answer: D

Explanation: References:

<https://docs.microsoft.com/en-us/azure/application-gateway/application-gateway-introduction>

NEW QUESTION 3

Your company has an on-premises Active Directory Domain Services (AD DS) domain and an established Azure Active Directory (Azure AD) environment. Your company would like users to be automatically signed in when they are on their corporate desktops that are connected to the corporate network.

You need to enable single sign-on (SSO) for company users.

Solution: Install and configure an Azure AD Connect server to use password hash synchronization and select the "Enable single sign-on" option.

Does the solution meet the goal?

- A. Yes
- B. No

Answer: A

NEW QUESTION 4

You are designing an Azure Web App that includes many static content files.

The application is accessed from locations all over the world by using a custom domain name.

You need to recommend an approach for providing access to the static content with the least amount of latency.

Which two actions should you recommend? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. Place the static content in Azure Blob storage and enable Content Delivery Network (CDN) on the account.
- B. Place the static content in Azure Table storage.
- C. Configure a custom domain name that is an alias for the Azure Storage domain.
- D. Configure a CNAME DNS record for the Azure Content Delivery Network (CDN) domain.

Answer: CD

Explanation: References:

<https://docs.microsoft.com/en-us/azure/architecture/best-practices/cdn>

NEW QUESTION 5

A company uses several Azure services.

You need to design a solution to automatically detect security issues by using Azure Security Center.

Which three detection capabilities should you recommend? Each correct answer presents a complete solution. NOTE: Each correct selection is worth one point

- A. just in time access control
- B. behavioral analytics
- C. anomaly detection

- D. integrated threat intelligence
- E. security playbooks

Answer: BCD

NEW QUESTION 6

You deploy an Azure Web App. The Web App uses a storage account that contains a large number of storage objects. You need to grant clients access to application data for a specified interval of time while minimizing effort. What should you create?

- A. a service shared access signature
- B. an account shared access signature
- C. a network security group
- D. a stored access policy

Answer: B

NEW QUESTION 7

A company has a hybrid ASP.NET Web API application that is based on a software as a service (SaaS) offering. Users report general issues with the data. You advise the company to implement live monitoring and use ad hoc queries on stored JSON data. You also advise the company to set up smart alerting to detect anomalies in the data. You need to recommend a solution to set up smart alerting. What should you recommend?

- A. Azure Security Center and Azure Data Lake Store
- B. Azure Data Lake Analytics and Microsoft Operations Management Suite.
- C. Azure Application Insights and Azure Log Analytics
- D. Azure Site Recovery and Microsoft Operations Management Suite

Answer: C

NEW QUESTION 8

You are developing a hybrid solution for a video editing company. Videos are currently edited on-premises and stored in Server Message Block (SMB) protocol shares. Due to legal regulations, videos must be stored on-premises. You must distribute videos by using Azure Media Services. You need to recommend a storage solution for the videos. What should you recommend?

- A. Azure Blob storage
- B. Azure Table Storage
- C. Azure Cosmos DB
- D. Azure StorSimple

Answer: D

Explanation: The Microsoft Azure StorSimple Virtual Array is an integrated storage solution that manages storage tasks between an on-premises virtual array running in a hypervisor and Microsoft Azure cloud storage. The virtual array supports the iSCSI or Server Message Block (SMB) protocol. It runs on your existing hypervisor infrastructure and provides tiering to the cloud, cloud backup, fast restore, item-level recovery, and disaster recovery features. References: <https://docs.microsoft.com/en-us/azure/storsimple/storsimple-storsimple-ova-overview>

NEW QUESTION 9

You create an Ubuntu Linux virtual machine (VM) by using the Azure Portal. You do not specify a password when you create the VM. You need to connect to the terminal of the VM. Solution: You connect to the private IP address of the VM by using Secure Shell (SSH) and specify your public key. Does the solution meet the goal?

- A. Yes
- B. No

Answer: A

NEW QUESTION 10

You are migrating an on-premises application to Azure. One component of the application is a legacy Windows native executable that performs image processing. The image processing application must run every hour. During times that the image processing application is not running, it should not be consuming any Azure compute resources. You need to ensure that the image processing application runs correctly every hour. Solution: Create an Azure WebJob that runs the image processing application every hour. Does the solution meet the goal?

- A. Yes
- B. No

Answer: B

NEW QUESTION 10

A company uses Microsoft Operations Management Suite (OMS) to manage 1,000 virtual machines (VMs) in Azure. The security officer reports that VMs often are not updated. You recommend to the company that they implement the OMS Update Management solution. You need to describe the OMS Update Management solution to the company. Which functionality does the OMS Update Management solution provide?

- A. assessment of antimalware on the VMs

- B. health indications for the OMS agent on VMs
- C. deployment of required updates to VMs
- D. assessment of vulnerabilities in container images\

Answer: C

Explanation: References:

<https://docs.microsoft.com/en-us/azure/operations-management-suite/oms-solution-update-management>

NEW QUESTION 11

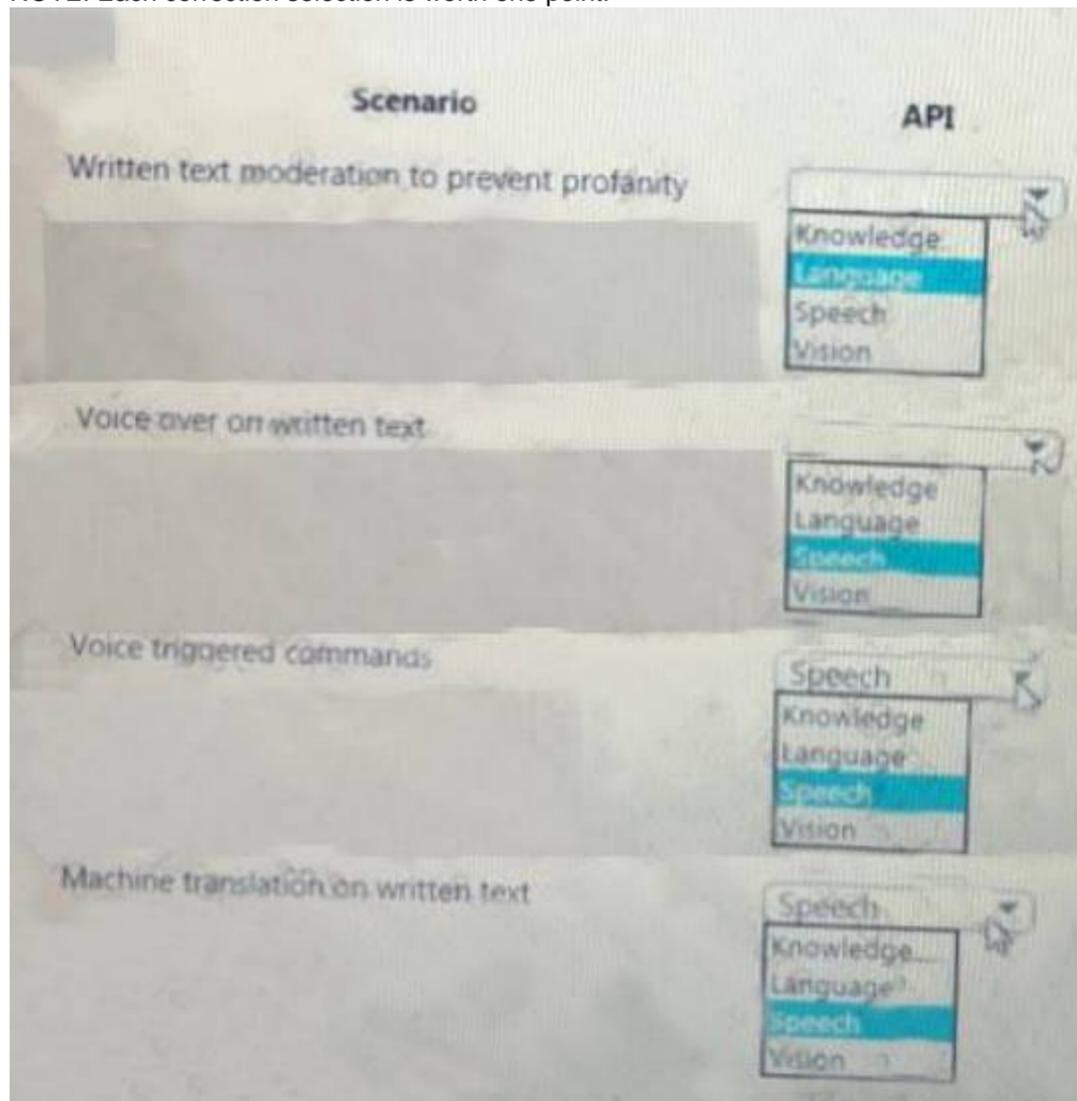
You are designing an accessible solution.

Users must be able to navigate the app by using their voice.

You need to recommend Azure Cognitive Services APIs for the solution.

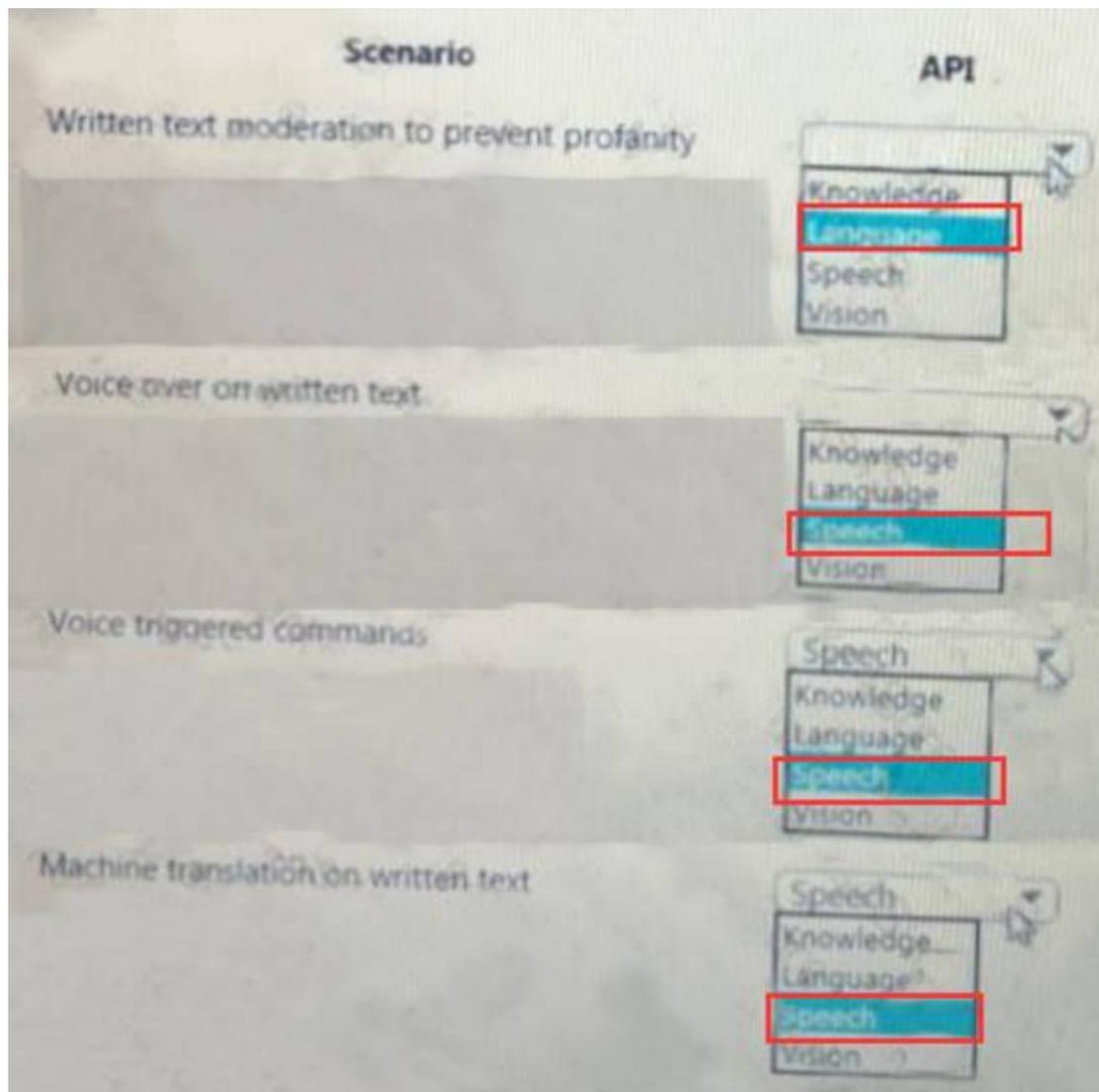
Which APIs should you recommend? To answer, select the appropriate options in the answer area.

NOTE: Each correction selection is worth one point.



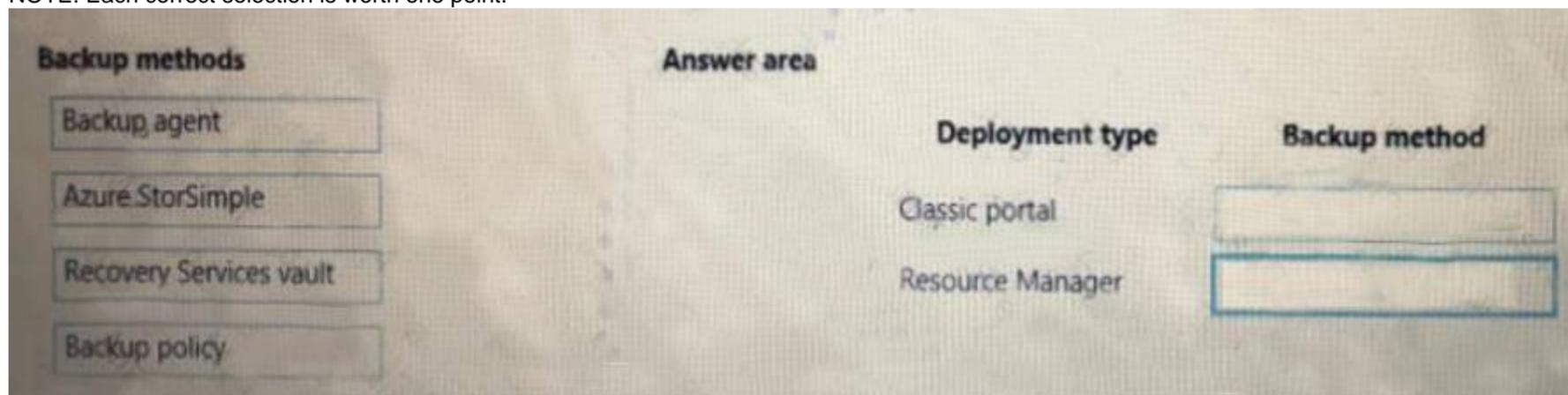
Answer:

Explanation:



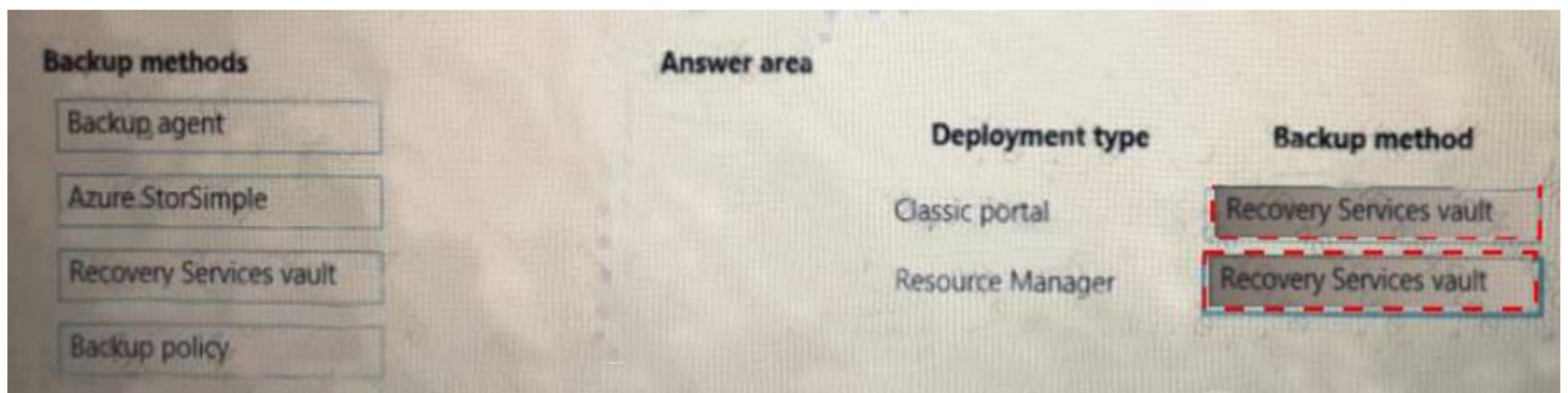
NEW QUESTION 12

You deploy resources to Azure by using both the classic portal and Azure Resource Manager. You need to back up each resource type to Azure. Which backup methods should you use? To answer, drag the appropriate backup methods to the correct deployment types. Each method may be used once, more than once, or not at all. You may need to drag the split bar between panes of scroll to view content.
NOTE: Each correct selection is worth one point.



Answer:

Explanation:



NEW QUESTION 16

You have an Azure solution that uses Multi-Factor Authentication for added security when users are outside of the office. The billing model has been set to per-authentication. Your company acquires another company and adds the new staff to Azure Active Directory (Azure AD). New staff members must use Multi-Factor Authentication. You need to change the billing model to per-user. What should you recommend?

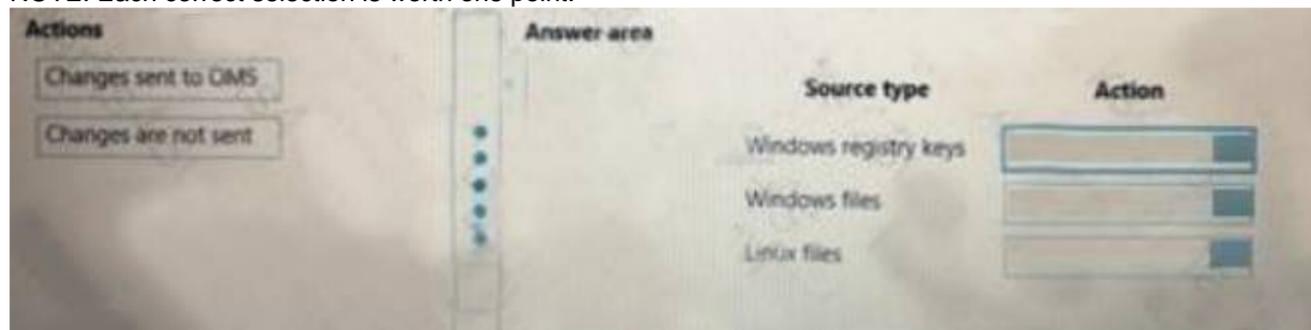
- A. Use Azure CLI to change the current billing model.
- B. Use the Azure portal to change the current billing model.
- C. Create a new Multi-Factor Authentication resource and reconfigure the billing model.
- D. Create a new Multi-Factor Authentication resource with a backup from the current Multi-Factor Authentication resource data.

Answer: C

Explanation: The billing model is selected during resource creation and cannot be changed once the resource is provisioned. It's possible, however, to create a new Multi-Factor Authentication resource to replace the original. Please note that user settings and configuration options cannot be transferred to the new resource.

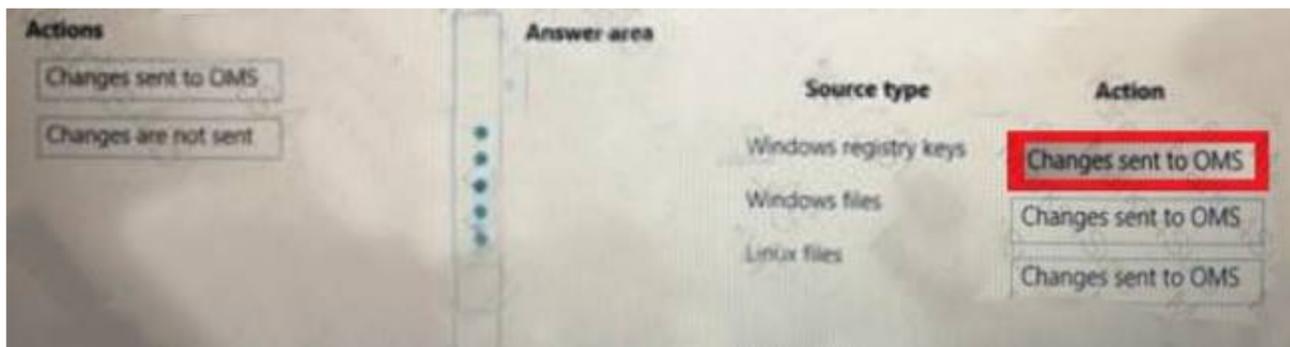
NEW QUESTION 21

A company plans to use Operations Management Suite (OMS) to track configuration changes within virtual machines (VMs). You need to determine the change types that report differences when changes are found. Which action for each source type is performed by the OMS agent? To answer, drag the appropriate action to the data source. Each action 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.



Answer:

Explanation:



NEW QUESTION 24

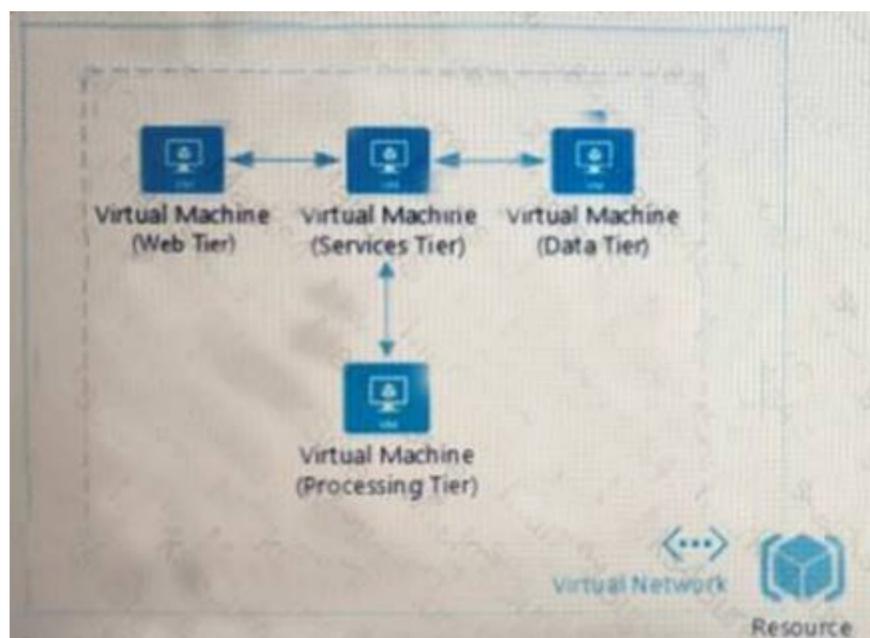
You administer an Azure subscription for your company. You plan to deploy a virtual machine (VM) to Azure. The VM environment must provide 99.95% uptime. A single switch outage must not cause the VM environment to be unavailable. The VM must not be offline due to installation of an update that requires a reboot. You need to configure the environment. Solution: Create an availability set and deploy two VMs. Place the VMs in the same fault domain. Does the solution meet the goal?

- A. Yes
- B. No

Answer: B

NEW QUESTION 26

You deploy a Web App to Azure. The Web App uses several Basic tier, single instance virtual machines (VMs). The App includes a web tier, services tier, data tier, and a compute-intensive processing tier, as shown in the following diagram:



You have the following requirements:

- The application must be available during all Azure platform events, including planned (VM restarts required) and unplanned (hardware failure) events.
- You must simplify VM deployments by using JSON templates and the Azure Resource Manager (ARM).
- The processing tier must support high volume CPU loads at peak times throughout the year.
- The web tier must support high volumes of incoming Internet traffic during peak times throughout the year.
- The company has authorized downtime for the infrastructure upgrades. Future updates must not include downtime.
- The infrastructure upgrades must provide the most economical solution while meeting all requirements. Users report application outages during planned Azure maintenance windows. You plan to upgrade the application to support upcoming company initiatives as well as address the user reports.

You need to upgrade the application and infrastructure.

For each tier, which action should you perform? To answer, select the appropriate action from each list in the answer area.

Answer Area

Tier	Action
Web	<ul style="list-style-type: none"> Use 2 Standard tier VMs in a new availability set, load balanced with Azure Load Balancer. Use 2 Standard tier VMs in a new resource group. Use 2 Basic tier VMs in a new affinity group. Use 2 Basic tier VMs, load balanced with Azure Traffic Manager.
Services	<ul style="list-style-type: none"> Use 2 basic tier VMs in a new resource group. Use 2 Basic tier VMs, load balanced with Azure Traffic Manager. Use 2 Standard tier VMs in a new availability set. Use 2 Standard tier VMs contained within the web tier availability set.
Data	<ul style="list-style-type: none"> Use a single VM in a new resource group. Use a single VM in a new availability set. Use 2 Standard tier VMs in a new availability set. Use 2 Standard tier VMs contained within the services tier availability set.
Processing	<ul style="list-style-type: none"> Use 3 Standard tier VMs in a new affinity group. Use 3 Standard tier VMs contained within the data tier availability set. Use 2 Dv2-series VMs in a new scale set. Use 2 Dv2-series VMs in a new resource group.

Answer:

Explanation: Web tier: Use 2 Standard tier VMs in a new availability set, load balanced with Azure Load Balancer.

The web tier must support high volumes of incoming Internet traffic during peak times throughout the year. Services: Use 2 Standard Tier VM in a new availability set.

Data: Use 2 Standard tier VMs contained within the services tier availability set. Processing: Use 2 Dv2-series Vms in a new scale set.

The processing tier must support high volume CPU loads at peak times throughout the year.

Dv2-series, a follow-on to the original D-series, features a more powerful CPU. The Dv2-series CPU is about 35% faster than the D-series CPU.

Automatic scaling of virtual machines in a scale set is the creation or deletion of machines in the set as needed to match performance requirements. As the volume of work grows, an application may require additional resources to enable it to effectively perform tasks.

References:

<https://docs.microsoft.com/en-us/azure/virtual-machines/virtual-machines-windows-sizes>

<https://docs.microsoft.com/en-us/azure/virtual-machine-scale-sets/virtual-machine-scale-sets-autoscale-overview>

NEW QUESTION 28

You are building an application that will run in a virtual machine (VM). The application will use Managed Service Identity (MSI).

The application uses Azure Key Vault, Azure SQL Database, and Azure Cosmos DB. You need to ensure the application can use secure credentials to access

these services.

Which authorization method should you recommend? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer area

Functionality

Authorization method

Azure Key Vault

▼
Hash-based message authentication code (HMAC)
Managed Service Identity (MSI)
Role-based Access Controls (RBAC)
HTTPS encryption

Azure SQL

▼
Hash-based message authentication code (HMAC)
Managed Service Identity (MSI)
Role-based Access Controls (RBAC)
HTTPS encryption

Cosmos DB

▼
Hash-based message authentication code (HMAC)
Managed Service Identity (MSI)
Role-based Access Controls (RBAC)
HTTPS encryption

Answer:

Explanation: References:

<https://docs.microsoft.com/en-us/azure/active-directory/msi-tutorial-windows-vm-access-nonaad> <https://docs.microsoft.com/en-us/azure/active-directory/msi-tutorial-windows-vm-access-sql> <https://docs.microsoft.com/en-us/azure/cosmos-db/database-security>

NEW QUESTION 32

Your company is developing an e-commerce Azure App Service Web App to support hundreds of restaurant locations around the world. You are designing the messaging solution architecture to support the e-commerce transactions and messages.

The e-commerce application has the following features and requirements:

Feature	Requirements
Shopping Cart	<ul style="list-style-type: none"> Items in a shopping cart must be processed by an Azure Function within a specified number of minutes. Failure to process should move the items to a failed state for processing by a separate Azure Function. Shopping cart transactions must not be lost and fault conditions must be processed separately. Shopping cart transactions must be read by the inventory and sales systems for further processing.
Inventory Distribution	<ul style="list-style-type: none"> Items sent to the inventory system must run a separate workflow for each item that includes warehouse, shipping, and order processing updates. Inventory uses Azure Blob storage to store inventory items and related information. Inventory is processed by using an Azure Logic App.
Restaurant Telemetry	<ul style="list-style-type: none"> Restaurants stream millions of daily events from all locations. Restaurant data should be captured in Azure Blob storage for conditional processing. Restaurant event data should expire after 24 hours.

You need to choose the Azure messaging solution to support the Restaurant Telemetry feature. Which Azure service should you use?

- A. Azure Event Hub
- B. Azure Service Bus
- C. Azure Event Grid
- D. Azure Relay

Answer: A

Explanation: Azure Event Hubs is a highly scalable data streaming platform and event ingestion service, capable of receiving and processing millions of events per second. Event Hubs can process and store events, data, or telemetry produced by distributed software and devices. Capture enables you to capture Event Hubs streaming data and store it in an Azure Blob storage account.

NEW QUESTION 37

You are implementing Azure Role-Based Access Control (RBAC).

You need to create two new administrator accounts. The accounts must meet the following requirements:

- Admin1 must be able to manage only the storage accounts that are used by virtual machines (VMs) and other resources.
- Admin2 must be able to manage and delete resources in the Recovery Services vault.

Which role should you assign to each account? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

Answer Area

Account	Role
Admin1	<div style="border: 1px solid gray; padding: 5px;"> <div style="background-color: #f0f0f0; padding: 2px; margin-bottom: 2px;">Data Factory Contributor</div> <div style="background-color: #f0f0f0; padding: 2px; margin-bottom: 2px;">Storage Account Contributor</div> <div style="background-color: #f0f0f0; padding: 2px;">Virtual Machine Contributor</div> </div>
Admin2	<div style="border: 1px solid gray; padding: 5px;"> <div style="background-color: #f0f0f0; padding: 2px; margin-bottom: 2px;">Automation Operator</div> <div style="background-color: #f0f0f0; padding: 2px; margin-bottom: 2px;">Backup Contributor</div> <div style="background-color: #f0f0f0; padding: 2px;">Backup Operator</div> </div>

Answer:

Explanation: Box 1: Storage Account Contributor

A Storage Account Contributor can manage storage accounts, but not access to them.

NEW QUESTION 39

A company plans to use third-party application software to perform complex data analysis processes. The software will use up to 500 identical virtual machines (VMs) based on an Azure Marketplace VM image.

You need to design the infrastructure for the third-party application server. The solution must meet the following requirements:

- * The number of VMs that are running at any given point in time must change when the user workload changes.
- * When a new version of the application is available in Azure Marketplace it must be deployed without causing application downtime.
- * Use VM scale sets.
- * Minimize the need for ongoing maintenance.

Which two technologies should you recommend? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

- A. single placement group
- B. single storage account
- C. managed disks
- D. autoscale

Answer: CD

Explanation: If your application demand increases, the load on the VM instances in your scale set increases. If this increased load is consistent, rather than just a brief demand, you can configure autoscale rules to increase the number of VM instances in the scale set.

NEW QUESTION 40

You are designing a microservices architecture that will support a web application. The solution must meet the following requirements:

Allow independent upgrades to each microservice.

? Deploy the solution on-premises and to Azure.

? Set policies for performing automatic repairs to the microservices.

? Support low-latency and hyper-scale operations.

You need to recommend a technology. What should you recommend?

- A. Azure Container Instance
- B. Azure Container Service
- C. Azure Virtual Machine Scale Set
- D. Azure Service Fabric

Answer: D

Explanation: References:

<https://msdn.microsoft.com/en-us/magazine/mt595752.aspx>

NEW QUESTION 41

A company has custom ASP.net and Java applications that run on old versions of Windows and Linux. The company plans to place applications in containers.

You need to design a solution that includes networking, service discovery, and load balancing for the applications. The solution must support storage orchestration.

Solution: You deploy each application to an Azure Web App that has container support. Does the solution meet the goal?

- A. Yes
- B. No

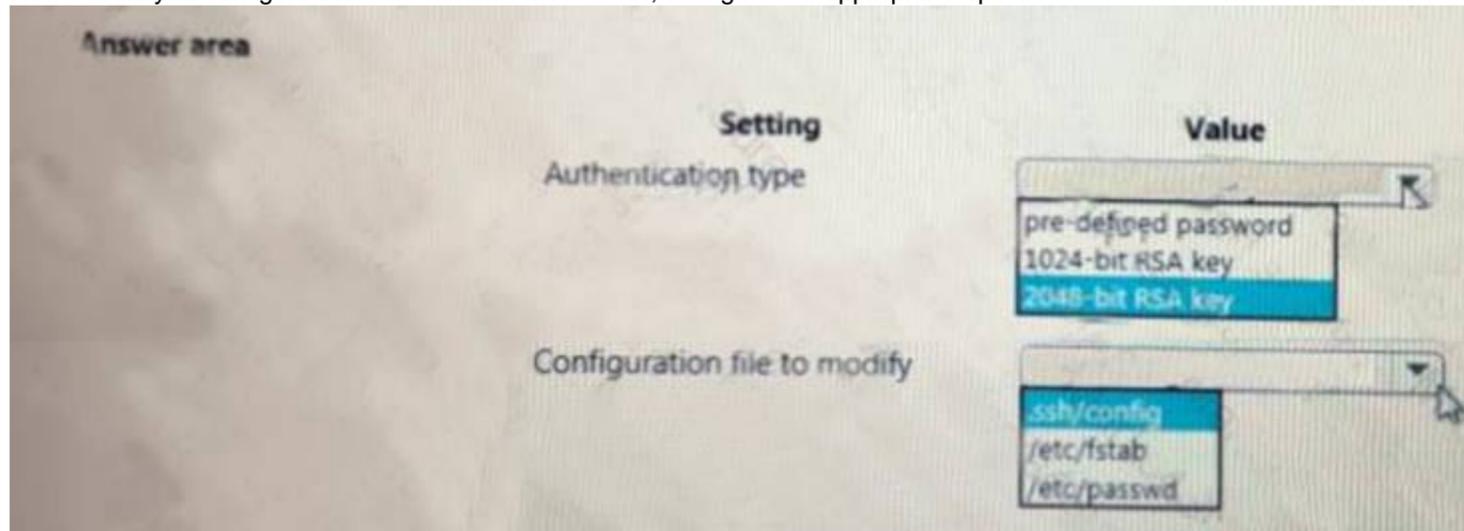
Answer: B

NEW QUESTION 43

You plan to deploy Ubuntu Linux virtual machines (VMs) in Azure.

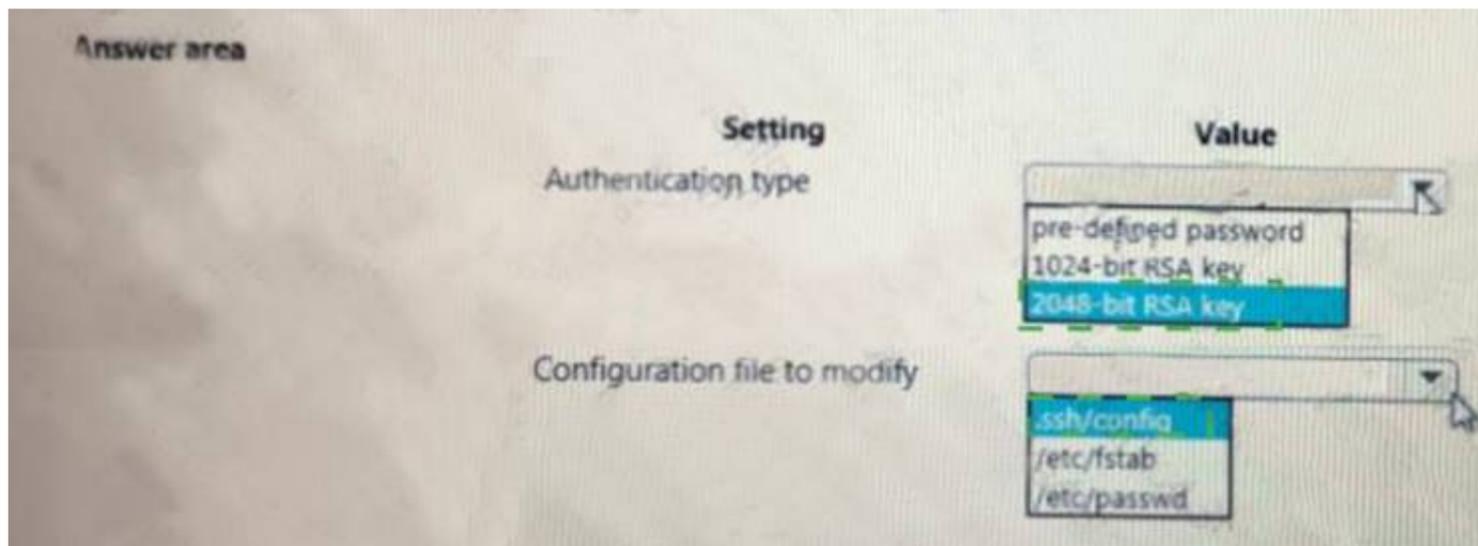
You need to ensure that you are not prompted for a password when you create or connect to the VMs.

How should you configure the environment? To answer, configure the appropriate options in the answer area. NOTE: Each correct selection is worth one point.



Answer:

Explanation:



NEW QUESTION 44

A company has custom ASP.net and Java applications that run on old versions of Windows and Linux. The company plans to place applications in containers.

You need to design a solution that includes networking, service discovery, and load balancing for the applications. The solution must support storage orchestration.

Solution: You create an Azure virtual network, a public IP address, and load balancer. Then add virtual machines (VMs) to the solution and deploy individual containers on them.

Does the solution meet the goal?

- A. Yes
- B. No

Answer: B

NEW QUESTION 49

The company receives over 1,000 emails each day through the general alias info@contoso.com. The emails originate from all over the world, and include complaints and sales inquiries. Many emails relate to random topics.

The company must be able to automatically categorize emails based upon the company location geographically closest to the sender.

You need to recommend a solution.

Which two options should you recommend? Each correct answer presents a complete solution. Each correct selection presents a complete solution.

- A. Bot Builder SDK.
- B. Language Understanding Intelligent Service (LUIS) programmatic API
- C. Bing Web Search API
- D. Text Analytics API

Answer: BD

NEW QUESTION 50

You are designing a solution that will aggregate and analyze data from Internet of Things (IoT) devices. The solution must meet the following requirements:

? Store petabytes of data

? Use shared access policies to provide service connections to the IoT event source.
? Conduct analysis of data in near real-time.
? Provide ultra-low latency and highly scalable transaction processing. You need to recommend a technology.
What should you recommend?

- A. Azure Data Lake Store
- B. Azure Redis Cache
- C. Azure Time Series Insights
- D. Azure Table storage

Answer: A

Explanation: References:
<https://azure.microsoft.com/en-us/services/data-lake-store/>

NEW QUESTION 52

Your company uses Office 365 for all employees. The company plans to create a website where customers can view and register technical support cases. The solution must meet the following requirements:

- ? Provision customer identities by using social media accounts.
- ? Users must be able to access the website by using social media accounts including Facebook.
- ? Employees of the customer service department must be able to access the site to read the cases and resolve them.

You need to design an identity solution for the company.

Which two actions should you recommend? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. a custom policy to link internal store to the external store
- B. a new Azure Active Directory (Azure AD) business-to-business (B2B) tenant
- C. an Azure SQL data sync to link the internal store to the external one
- D. a new Azure Active Directory (Azure AD) business-to-consumer (B2C) tenant
- E. a new Azure Active Directory (Azure AD) tenant

Answer: AD

Explanation: References:
<https://docs.microsoft.com/en-us/azure/active-directory-b2c/active-directory-b2c-overview> <https://docs.microsoft.com/en-us/azure/active-directory-b2c/active-directory-b2c-overview-custom>

NEW QUESTION 55

You administer an Azure subscription for your company. You plan to deploy a virtual machine (VM) to Azure.

The VM environment must provide 99.95% uptime. A single switch outage must not cause the VM environment to be unavailable. The VM must not be offline due to installation of an update that requires a reboot.

You need to configure the environment.

Solution: Create an availability set with two VMs. Place the VMs in the same update domain. Does the solution meet the goal?

- A. Yes
- B. No

Answer: B

NEW QUESTION 58

You are migrating an on-premises application to Azure. One component of the application is a legacy Windows native executable that performs image processing. The image processing application must run every hour. During times that the image processing application is not running, it should not be consuming any Azure compute resources.

You need to ensure that the image processing application runs correctly every hour. Solution: Create an Azure Function to runs the image processing application every hour. Does the solution meet the goal?

- A. Yes
- B. No

Answer: B

NEW QUESTION 62

You manage on-premises network and Azure virtual networks.

You need a secure private connection between the on-premises networks and the Azure virtual networks. The connection must offer a redundant pair of cross connections to provide high availability.

What should you recommend?

- A. virtual network peering
- B. Azure Load Balancer
- C. VPN Gateway
- D. ExpressRoute

Answer: B

Explanation: References:
<https://docs.microsoft.com/en-us/azure/load-balancer/load-balancer-overview>

NEW QUESTION 66

You have an Azure subscription.

You create an Azure Active Directory (Azure AD) tenant named Tenant1 that has a domain name of tenant1.onmicrosoft.com.

You need to add the contoso.com domain name to Tenant1.

Which DNS record should you add to the contoso.com zone to be able to verify from Azure whether you own the contoso.com domain?

- A. host information (HINFO)
- B. service location (SRV)
- C. standard alias (CNAME)
- D. mail exchanger (MX)

Answer: C

NEW QUESTION 68

You use a virtual network to extend an on-premises IT environment into the cloud. The virtual network has two virtual machines (VMs) that store sensitive data.

The data must only be available using internal communication channels. Internet access to those VMs is not permitted.

You need to ensure that the VMs cannot access Internet.

Which two options should you recommend? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. Azure ExpressRoute
- B. network interface (NIC)
- C. Source Network Address Translation (SNAT)
- D. Network Security Groups (NSG)

Answer: AD

Explanation: References:

<https://docs.microsoft.com/en-us/azure/expressroute/expressroute-introduction> <https://reticent.net.nz/prevent-internet-access-from-azure-virtual-machines/>

NEW QUESTION 70

You manage a solution in Azure.

You must collect usage data including MAC addresses from all devices on the network. You need to recommend a monitoring solution.

What should you recommend?

- A. Activity log Analytics
- B. Azure Application Gateway Analytics
- C. Azure Network Security Group Analytics
- D. Network Performance Monitor
- E. Azure Wire Data

Answer: E

Explanation: Wire data is consolidated network and performance data collected from Windows-connected and

Linux-connected computers with the OMS agent, including those monitored by Operations Manager in your environment. Network data is combined with your other log data to help you correlate data.

When you search using wire data, you can filter and group data to view information about the top agents and top protocols. Or you can view when certain computers (IP addresses/MAC addresses) communicated with each other, for how long, and how much data was sent—basically, you view metadata about network traffic, which is search-based

NEW QUESTION 75

You manage an Azure environment for a company. The environment has over 25,000 licensed users and 100 mission-critical applications.

You need to recommend a solution that provides advanced endpoint threat detection and remediation strategies.

What should you recommend?

- A. Azure Active Directory (Azure AD) authentication
- B. Azure Active Directory (Azure AD) Identity Protection
- C. Azure Active Directory Federation Services (AD FS)
- D. Microsoft Identity Manager
- E. Azure Active Directory (Azure AD) Connect

Answer: B

Explanation: Azure Active Directory Identity Protection is a feature of the Azure AD Premium P2 edition that enables you to:

Detect potential vulnerabilities affecting your organization's identities

Configure automated responses to detected suspicious actions that are related to your organization's identities Investigate suspicious incidents and take appropriate action to resolve them

NEW QUESTION 77

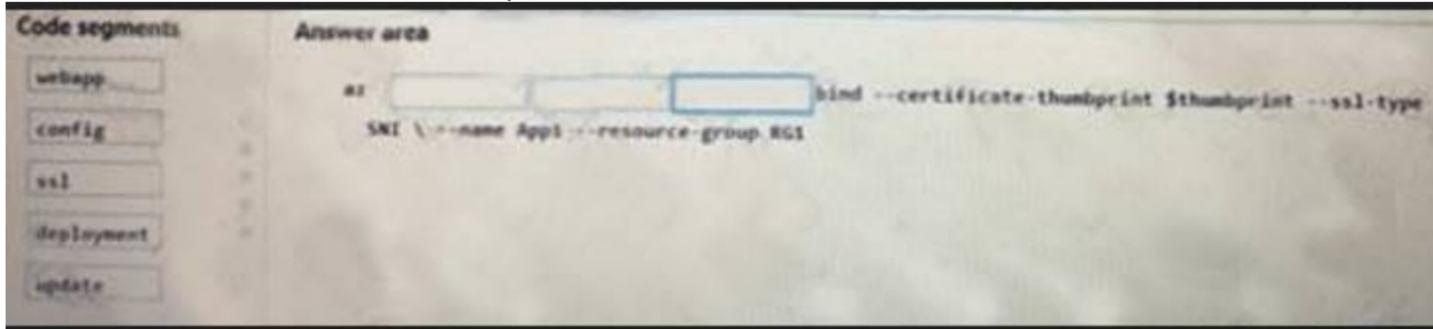
You manage a web app named App1 in Azure App Service. App1 is a member of resource group RG1. You plan to use a custom domain name with the web app.

The web app must have an Secure Sockets Layer (SSL) certificate associated with the custom domain name. You upload the SSL certificate to Azure and set the thumbprint to a variable named \$thumbprint.

You need to use the Azure Command-Line Interface (Azure CLI) to bind the SSL certificate with the web app. How should you complete the command? To answer, drag the appropriate parameters to the correct locations.

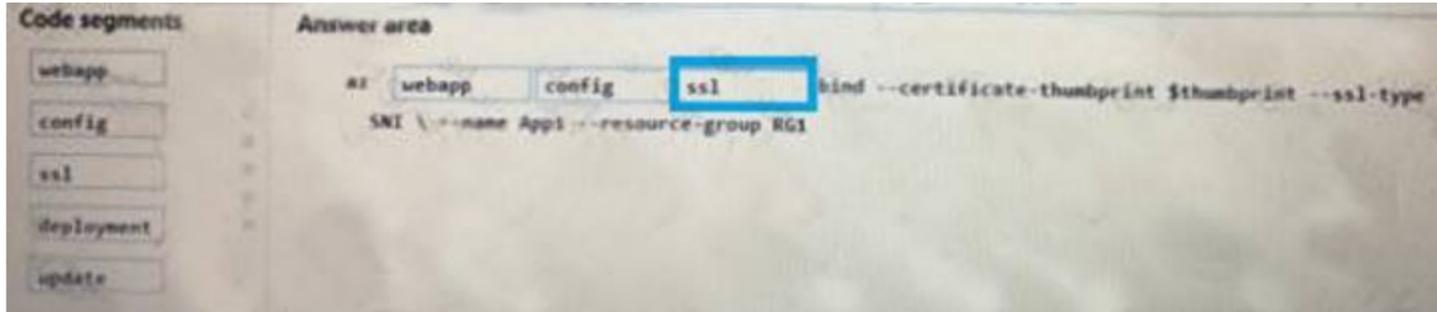
Each parameter may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.



Answer:

Explanation:



NEW QUESTION 78

You manage a solution in Azure. You plan to add several new features to the solution. You identify the following requirements:

? The deployment technology must support load balancing and service discovery.

? Trigger a Biztalk Server workflow to process Electronic Data Interchange (EDI) data.

You need to identify which technical implementation is suitable for each functionality. What should you recommend? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

Requirement

Technology

Trigger a BizTalk Server workflow.

▼
Azure API Management Service
Azure Container instances
Azure Functions
Azure Logic Apps

Package the application.

▼
Git repository
Azure Container instances
NuGet package
Node Package Manager (NPM)

Answer:

Explanation: References:

<https://docs.microsoft.com/en-us/azure/logic-apps/logic-apps-what-are-logic-apps> <https://docs.microsoft.com/en-us/javascript/api/overview/azure/logic-apps?view=azure-node-2.2.0#management-package>

NEW QUESTION 82

Your company has an on-premises Active Directory Domain Services (AD DS) domain and an established Azure Active Directory (Azure AD) environment. Your company would like users to be automatically signed in when they are on their corporate desktops that are connected to the corporate network.

You need to enable single sign-on (SSO) for company users.

Solution: Install and configure an Azure AD Connect server to use pass-through authentication and select the 'Enable single sign-on' option.

Does the solution meet the goal?

A. Yes

B. No

Answer: A

NEW QUESTION 85

You plan to use an Azure PowerShell runbook to start a virtual machine (VM) named VM1. You need to add the code to the runbook. Which code segment should you use?

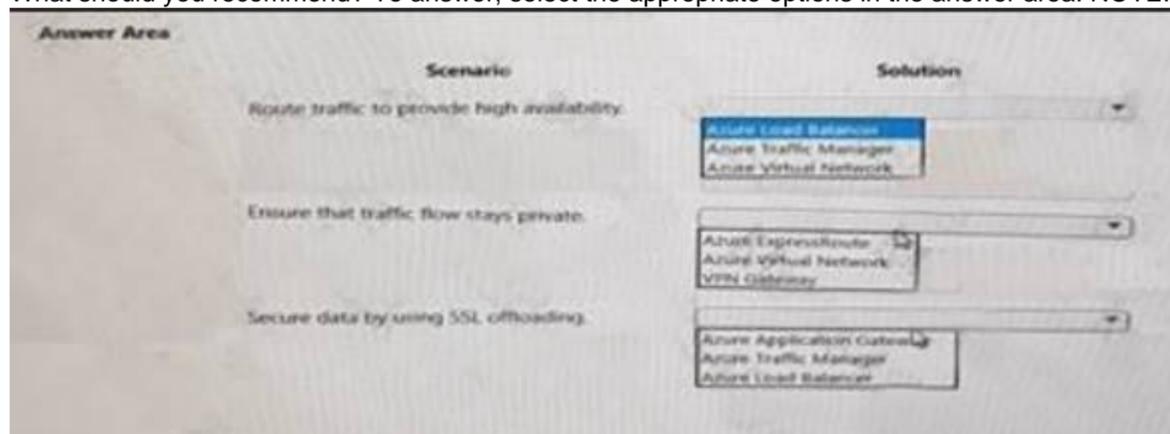
- A. Workflow{Start-AzureRMVM -Name VM1 -ResourceGroupName 'RG1'}
- B. Runbook{Start-AzureRMVM -Name VM1 -ResourceGroupName 'RG1'}
- C. Runbook Runbook1{Start-AzureRMVM -Name VM1 -ResourceGroupName 'RG1'}
- D. Workflow Runbook1{Start-AzureRMVM -Name VM1 -ResourceGroupName 'RG1'}

Answer: D

NEW QUESTION 88

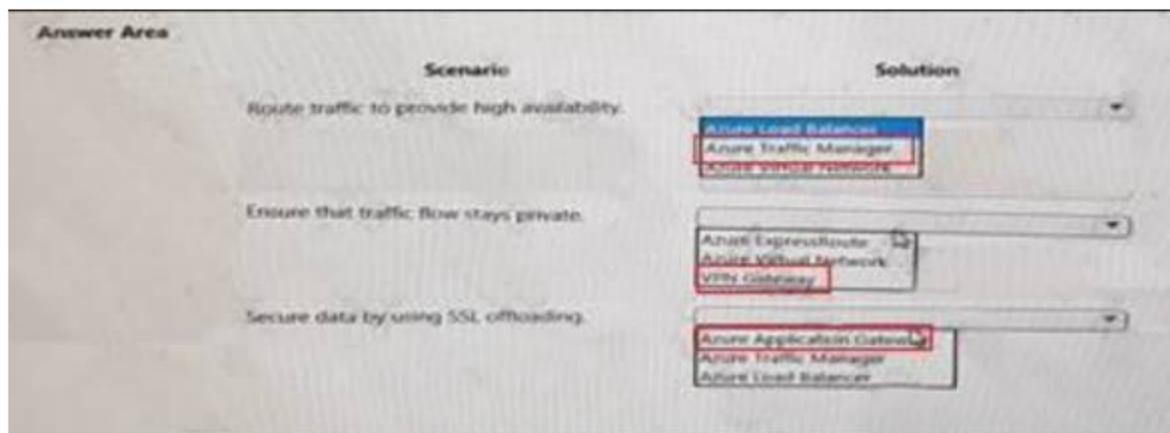
You manage an application that runs across multiple regions. The application processes sensitive data and is secured using SSL offloading. When users request data, the data must come from the endpoint in their region. Data between Azure resources must not traverse the Internet. You need to recommend networking options for the application.

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



Answer:

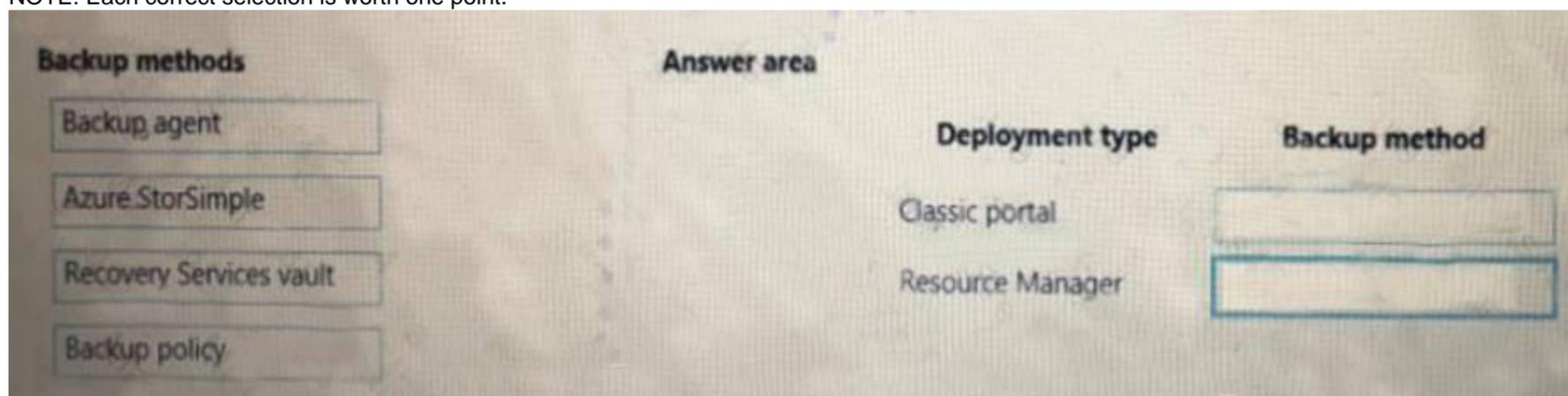
Explanation:



NEW QUESTION 91

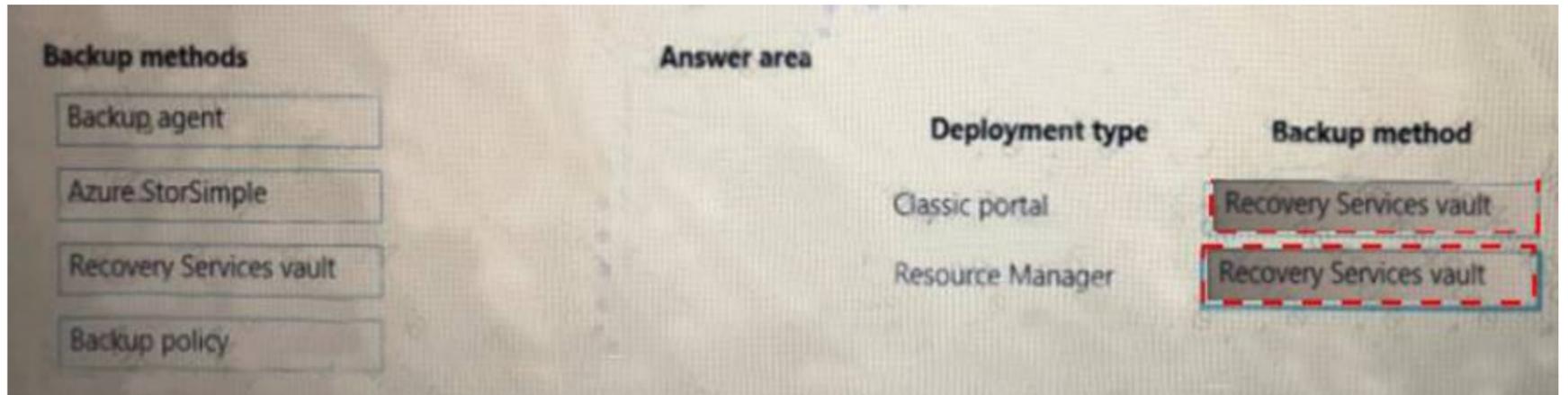
You deploy resources to Azure by using both the classic portal and Azure Resource Manager. You need to back up each resource type to Azure. Which backup methods should you use? To answer, drag the appropriate backup methods to the correct deployment types. Each method may be used once, more than once, 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.



Answer:

Explanation:

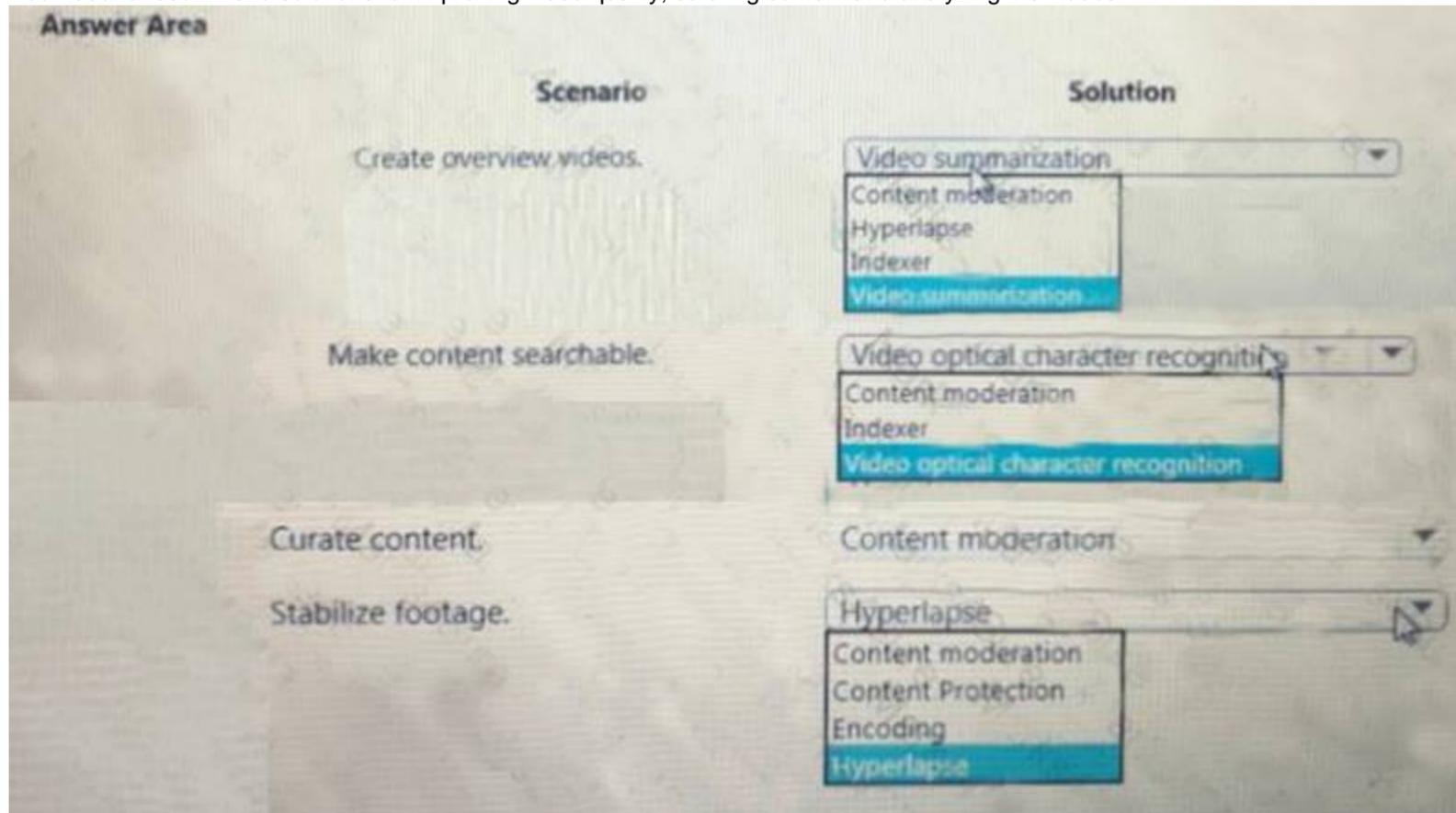


NEW QUESTION 95

You manage a corporate video application. Employees use the application on the corporate network to upload and store training videos in Azure. Employees can watch the videos by using a player or download the videos.

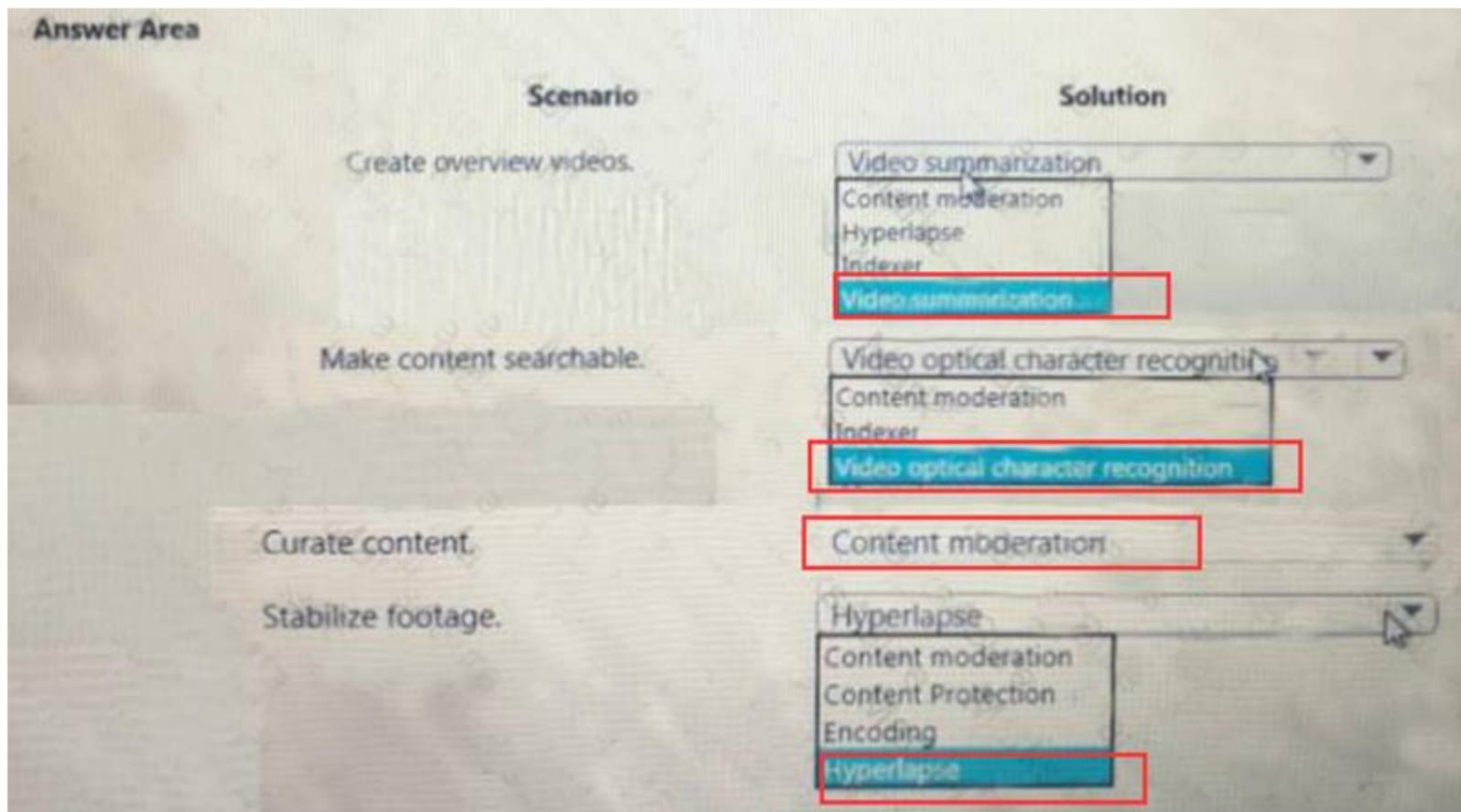
You observe that the quality of some videos is poor and some videos have inappropriate language. Videos are also not searchable and cannot be previewed, and no metrics are available.

You need to recommend solutions for improving video quality, curating content and analyzing the videos.



Answer:

Explanation:



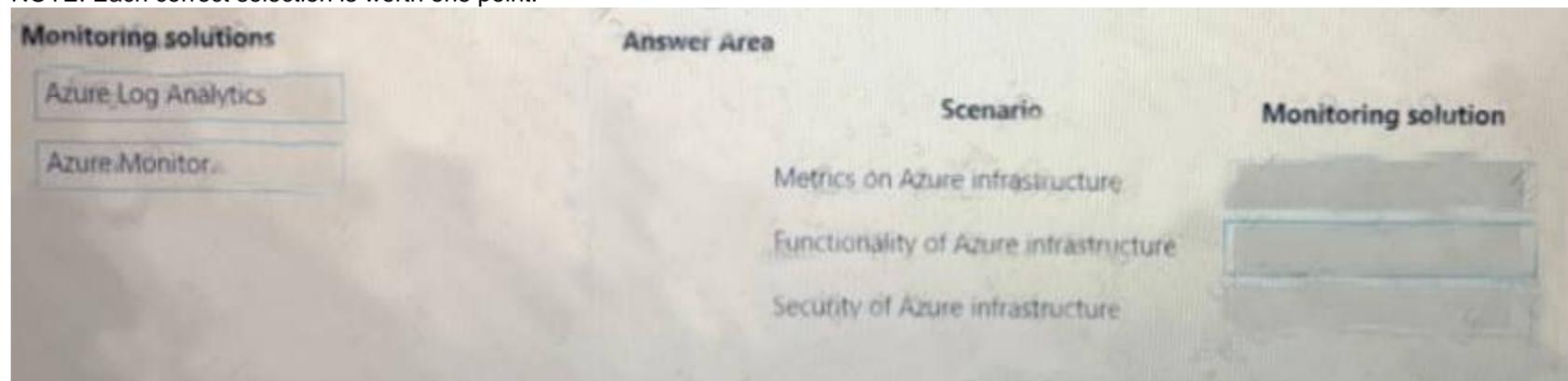
NEW QUESTION 99

You manage a solution in Azure. The solution is performing poorly.

You need to recommend tools to determine causes for the performance issues.

What should you recommend? To answer, drag the appropriate monitoring solutions to the correct scenarios. Each monitoring solution 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.



Answer:

Explanation: Box 1: Azure Log Analytics

Box 2: Azure Monitor

Box 3: Azure Log Analytics Note:

Azure Monitor provides base-level infrastructure metrics and logs for most services in Microsoft Azure.

Azure Log Analytics plays a central role in Azure management by collecting telemetry and other data from a variety of sources and providing a query language and analytics engine that gives you insights into the operation of your applications and resources. You can either interact directly with Log Analytics data through log searches and views, or you may use analysis tools in other Azure services that store their data in Log Analytics such as Application Insights or Azure Security Center.

NEW QUESTION 103

You deploy a Kubernetes Azure Container Service cluster.

You need to manage the cluster by using the Kubernetes command-line client.

Solution: You run the following Azure Command-Line Interface (Azure CLI) command:

```
az aks upgrade --kubernetes-version
```

Does the solution meet the goal?

- A. Yes
- B. No

Answer: B

NEW QUESTION 107

You are designing a storage solution to support on-premises resources and Azure-hosted resources. You need to provide on-premises storage that has built-in replication to Azure.

Solution: You include Azure StorSimple storage in the design. Does this solution meet the goal?

- A. Yes
- B. No

Answer: A

Explanation: References:

<https://docs.microsoft.com/en-us/azure/storsimple/storsimple-overview>

NEW QUESTION 108

A company hosts virtual machines (VMs) in an on-Premises datacenter and in Azure. The on-premises and Azure-based VMs communicate using ExpressRoute. The company wants to be able to continue regular operations if the ExpressRoute connection fails. Failover connections must use the internet and must not require Multiprotocol Label Switching (MPLS) support.

You need to recommend a solution that provides continued operations. What should you recommend?

- A. Set up a second ExpressRoute Connection.
- B. Set up a VPN connection
- C. Increase the bandwidth for the on-premises internet connection.
- D. increase the bandwidth of the existing ExpressRoute connection.

Answer: D

Explanation: <https://docs.microsoft.com/en-us/azure/site-recovery/site-recovery-how-to-protect>

NEW QUESTION 109

A company plans to deploy Linux virtual machines (VM) in Azure. The VM configuration and applications must be managed automatically. You need to propose a solution to configure and manage the VMs. What should you recommend?

- A. Azure PowerShell
- B. Application Gateway
- C. Chef
- D. Resource Manager Templates

Answer: C

NEW QUESTION 112

You manage an Azure solution that processes highly sensitive data. Existing roles are not suited to the granular access control that is required for this data. You need to recommend solutions to limit access to the data based on selected restrictions. What should you recommend? To answer, drag the appropriate restrictions to the correct solutions. Each restriction 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.

Restriction	Solution
Automatic access expiration	<ul style="list-style-type: none"> Conditional Access for Azure management Managed Service Identity (MSI) Privileged Identity Management (PIM) with Role-Based Access Control (RBAC) Role-Based Access Control (RBAC)
Time-based access restrictions	<ul style="list-style-type: none"> Conditional Access for Azure management Managed Service Identity (MSI) Privileged Identity Management (PIM) with Role-Based Access Control (RBAC) Role-Based Access Control (RBAC)
Access to Azure Management endpoints	<ul style="list-style-type: none"> Conditional Access for Azure management Managed Service Identity (MSI) Privileged Identity Management (PIM) with Role-Based Access Control (RBAC) Role-Based Access Control (RBAC)

Answer:

Explanation: Automatic access expiration: Privileged Identity Management (PIM)
To protect privileged accounts from malicious cyber-attacks, you can use Azure Active Directory Privileged Identity Management (PIM) to lower the exposure time of privileges and increase your visibility into their use through reports and alerts. You can now use PIM with Azure Role-Based Access Control (RBAC) to manage, control, and monitor access to Azure resources. PIM can manage the membership of built-in and custom roles to help you:
Enable on-demand, "just in time" access to Azure resources
Expire resource access automatically for assigned users and groups
Assign temporary access to Azure resources for quick tasks or on-call schedules
Get alerts when new users or groups are assigned resource access, and when they activate eligible assignments
Time-based access restrictions: Conditional Access
Conditional access is a capability of Azure Active Directory that enables you to enforce controls on the access to apps in your environment based on specific conditions from a central location. Conditional Access App Control enables user app access and sessions to be monitored and controlled in real time based on access and session policies.
Access to Azure Management endpoints: Conditional Access References:
<https://docs.microsoft.com/en-us/azure/role-based-access-control/pim-azure-resource> <https://docs.microsoft.com/en-us/cloud-app-security/proxy-intro-aad>
<https://docs.microsoft.com/en-us/azure/role-based-access-control/conditional-access-azure-management>

NEW QUESTION 115

An app uses a virtual network with two subnets. One sub net is used for the application server. The other subnet is used for a database server. A network virtual appliance (NVA) is used as a firewall. Traffic destined for one specific address prefix is routed to the NVA and then to an on-premises database server that stores sensitive data. A Border Gateway protocol (BGP) route is used for the traffic to the on-premises database server. You need to recommend a method for creating the user defined route. Which two options should you recommend? Each correct answer presents a complete solution. NOTE: Each correct selection is worth one point.

- A. For the virtual network configuration use a VPN.
- B. For the next hop type, use virtual network peering.
- C. For the next hop type, use a virtual network gateway.
- D. For the virtual network configuration use Azure ExpressRoute.

Answer: CD

NEW QUESTION 119

A company has a hybrid environment. The public IP address of the on-premises environment is 40.84.199.233. The company deploys virtual machines (VMs) to

Azure on different subnets.

You need to ensure that the Azure VMs can communicate with the on-premises environment. What should you create?

- A. a local vNet rule for each subnet
- B. a user defined route to 0.0.0.0/0 with a VPN gateway
- C. an Internet rule for each subnet
- D. a user defined route to 255.255.255.0/0 with a VPN gateway

Answer: C

NEW QUESTION 122

You are planning to create a virtual network that has a scale set that contains several virtual machines (VMs). A monitoring solution on a different network will need access to the VMs inside the scale set.

You need to define public access to the VMs. Solution: Implement an Azure Load Balancer. Does the solution meet the goal?

- A. Yes
- B. No

Answer: B

NEW QUESTION 124

A company deploys Microsoft SQL Server on an Azure DS3_V2_Standard virtual machine (VM). You need to modify the disk caching policy. Which Azure PowerShell cmdlet should you run?

- A. Update-AzureRmVm
- B. Set-AzureRMVMOSDisk
- C. Update-Disk
- D. Set-AzureRmVm

Answer: B

NEW QUESTION 125

You are designing an Azure solution.

The Solution must meet the following requirements:

- ? Distribute traffic to different pools of dedicated virtual machines (VMs) based on rules.
- ? Provide SSL offloading capabilities.

You need to recommend a solution to distribute network traffic. Which technology should you recommend?

- A. Azure Traffic Manager
- B. Azure Load Balancer
- C. Azure Application Gateway
- D. Server-level firewall rules.

Answer: C

Explanation: Azure Application Gateway is a web traffic load balancer that enables you to manage traffic to your web applications.

Azure Application Gateway can be configured to terminate the Secure Sockets Layer (SSL) session at the gateway to avoid costly SSL decryption tasks to happen at the web farm. SSL offload also simplifies the

front-end server setup and management of the web application. References:

<https://docs.microsoft.com/en-us/azure/application-gateway/application-gateway-introduction> <https://docs.microsoft.com/en-us/azure/application-gateway/application-gateway-ssl>

NEW QUESTION 126

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.

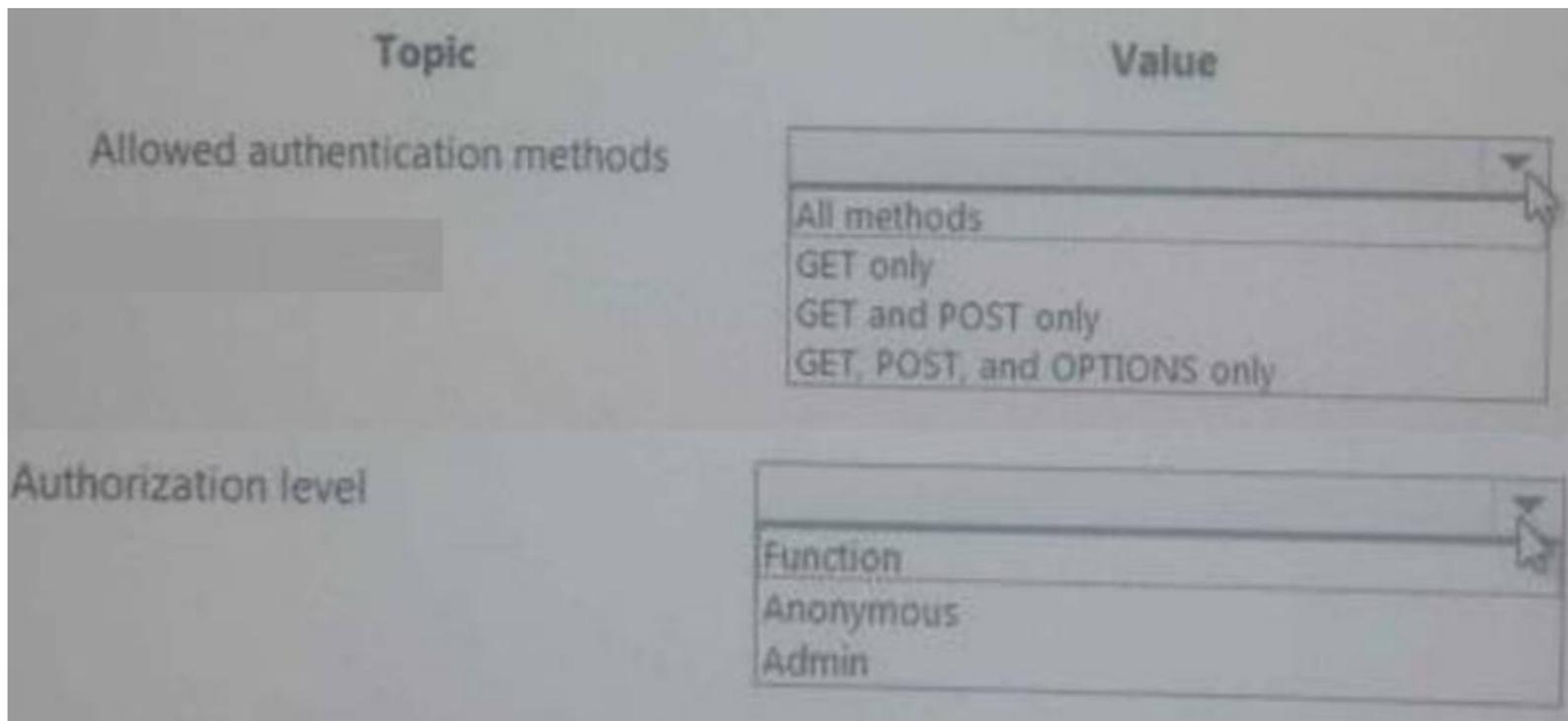
The API must meet the following requirements:

- ? 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:

Explanation: Azure Functions is a solution for easily running small pieces of code, or "functions," in the cloud. You can write just the code you need for the problem at hand, without worrying about a whole application or the infrastructure to run it. Functions can make development even more productive, and you can use your development language of choice, such as C#, F#, Node.js, Java, or PHP.

References: <https://docs.microsoft.com/en-us/azure/azure-functions/functions-overview>

NEW QUESTION 128

You are designing a solution that ingests, transforms, and stores streams of data from Internet of Things (IoT) devices.

The solution has the following requirements:

? Business users must be able to discover, understand, consume, and contribute to data creation.

? Transform data by using Spark.

? Data analysis must be performed by using a hub-and-spoke business intelligence model. You need to choose the appropriate products for the solution.

Which technologies should you recommend? To answer, drag the appropriate technologies to the correct requirements. Each technology may be used once, more than one, 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.

Answer Area

Products	Requirement	Product
Azure Analysis Services	Discover, understand, consume, and contribute data.	Product
Azure Data Factory	Transform data	Product
Azure Data Catalog	Transform data analysis	Product
Azure Data Lake Analytics		

Answer:

Explanation: References:

<https://docs.microsoft.com/en-us/azure/data-catalog/data-catalog-what-is-data-catalog> <https://docs.microsoft.com/en-us/azure/data-factory/transform-data-using-spark> <http://gcloud.world/the-cloud-in-the-news/announcing-azure-analysis-services-general-availability-2/>

NEW QUESTION 132

A company requires secure communication between virtual machines (VMs) without exposing credentials. The security officer wants to perform proof-of-concept testing using managed service identities.

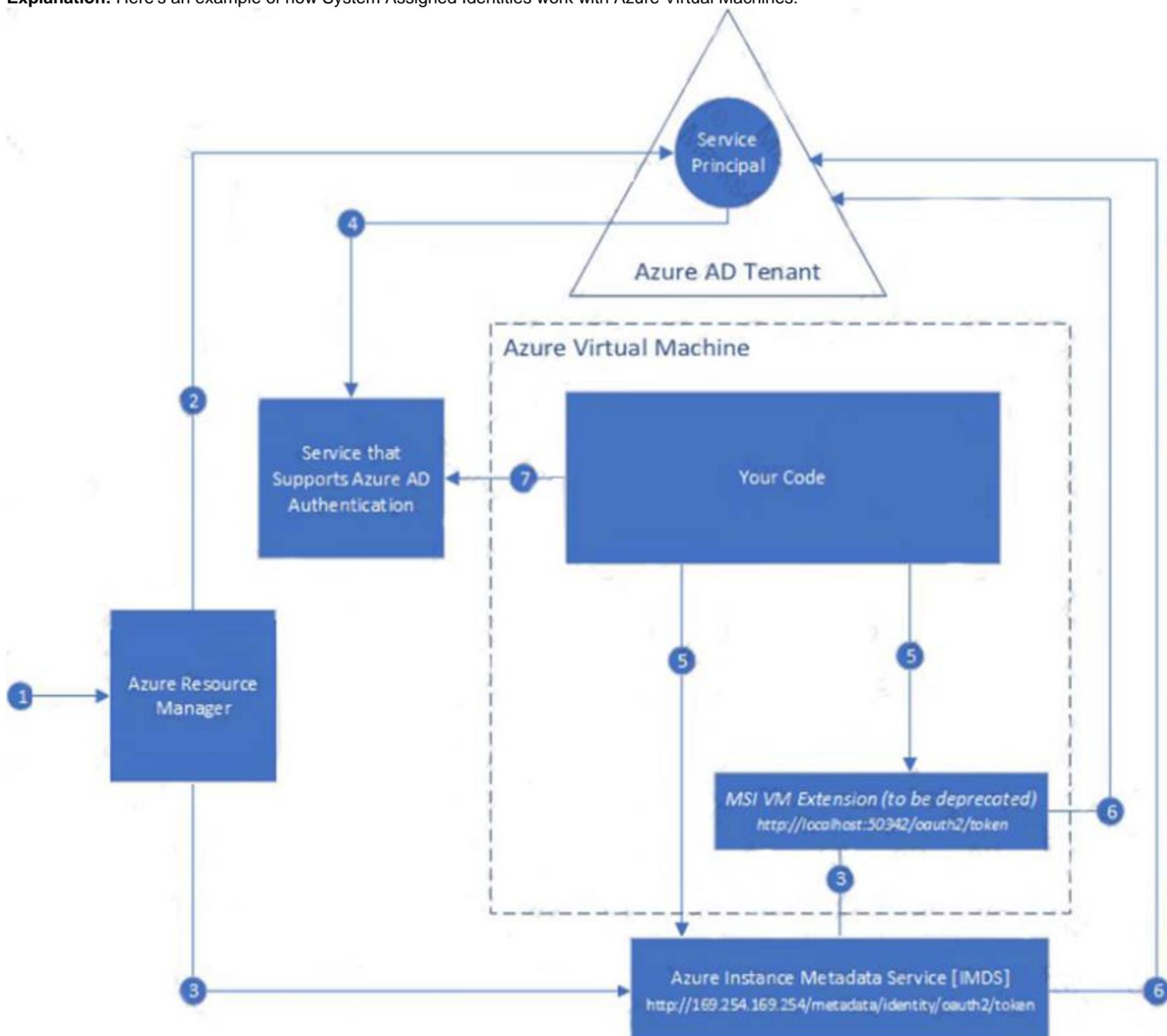
You need to recommend a solution for performing proof-of-concept testing.

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

Step	Action
1	<ul style="list-style-type: none"> Enable Managed Service Identity on the VM. Activate Azure Key Vault for the VM. Create an Azure resource manager policy for the VM. Create a new user's database for the VM.
2	<ul style="list-style-type: none"> Grant the VM access to a Resource Group in Azure Resource Manager. Create a service principal in Azure Active Directory (Azure AD). Add the Windows identity to your VM. Add a user to an Azure SQL database.
3	<ul style="list-style-type: none"> Get an access token using the VM identity and call Azure Resource Manager. Copy the application key and use it to call Azure Resource Manager. Get the connection string and use it to call Azure Resource Manager. Paste the password hash and use it to call Azure Resource Manager.

Answer:

Explanation: Here's an example of how System Assigned Identities work with Azure Virtual Machines:



References: <https://docs.microsoft.com/en-us/azure/active-directory/managed-service-identity/overview>

Topic 2, Trey Research (NEW)

Background

You are an architect for Trey Research Inc., a software as a service (SaaS) company. The company is developing a new product named Tailspin for consumer and small business financial monitoring. The product will be offered as an API to banks and financial institutions. Banks and financial institutions will integrate Tailspin into their own online banking offerings.

All employees of Trey Research are members of an Active Directory Domain Services (AD DS) group named TREY.

Technical Requirement Architecture

All application and customer data will be stored in Azure SQL Database instances.

API calls that modify data will be implemented as queue messages in an Azure Storage Queue. Queue messages must expire after 90 minutes.

Security

The solution has the following security requirements:

- ? Common security issues such as SQL injection and XSS must be prevented.
 - ? Database-related security issues must not result in customers' data being exposed.
 - ? Exposure of application source code and deployment artifacts must not result in customer data being exposed.
- Every 90 days, all application code must undergo a security review to ensure that new or changed code does not introduce a security risk.
Remote code execution in the Web App must not result in the loss of security secrets.

Auditing, Monitoring, Alerting

The solution has the following requirements for auditing, monitoring, and alerting:

- ? Changes to administrative group membership must be auditable.
- ? Operations involving encryption keys must be auditable by users in the Azure Key Vault Auditors user role.
- ? Resources must have monitoring and alerting configured in Azure Security Center.

Authorization, authentication

The solution has the following authentication and authorization requirements:

- ? Azure Active Directory (Azure AD) must be used to authenticate users.
- ? Compromised user accounts should be disabled as quickly as possible.
- ? Only employees of Trey Research Inc. should be able to address automated security recommendations.

Service Level agreement

Failure of any one Azure region must not impact service availability. Customer data must not be lost once accepted by the application.

Performance, resource utilization

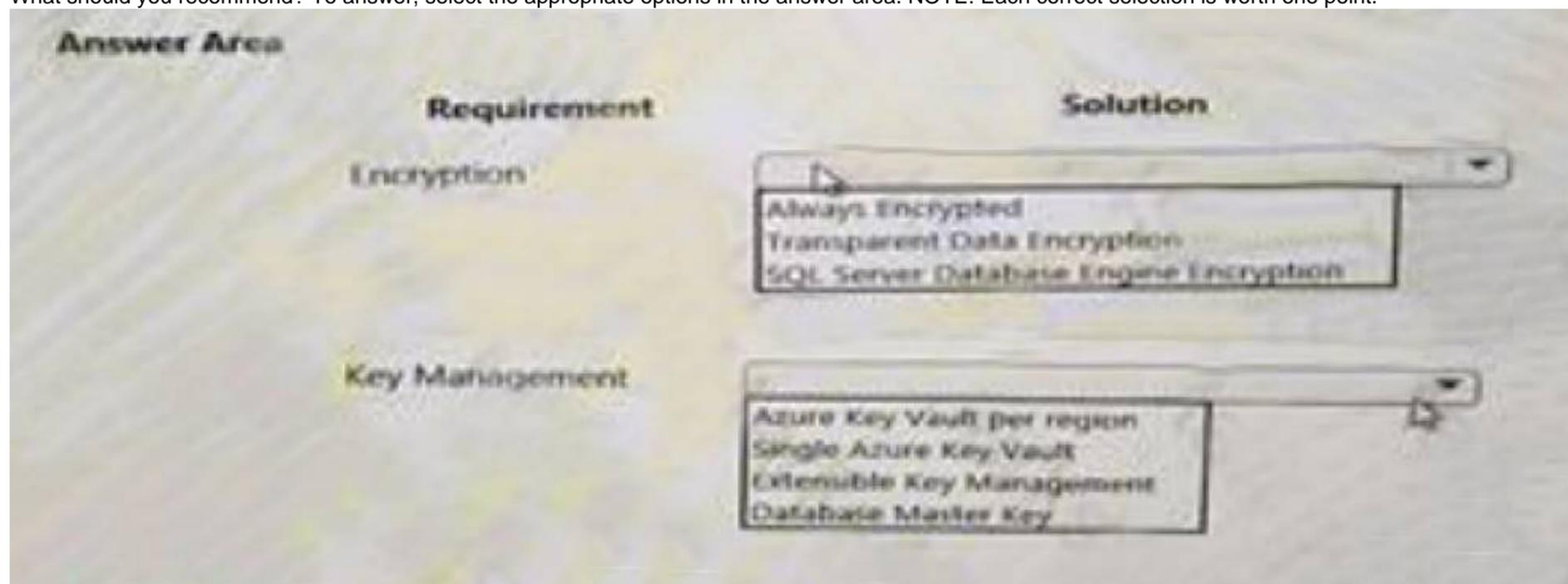
The solution must meet the following performance and resource usage requirements:

- ? Azure costs must be minimized.
- ? Application performance must remain level, regardless of the geographic location of users.
- ? All application diagnostic and activity logs must be captured without loss.
- ? Compute resources must be shared across all databases used by the solution.

NEW QUESTION 133

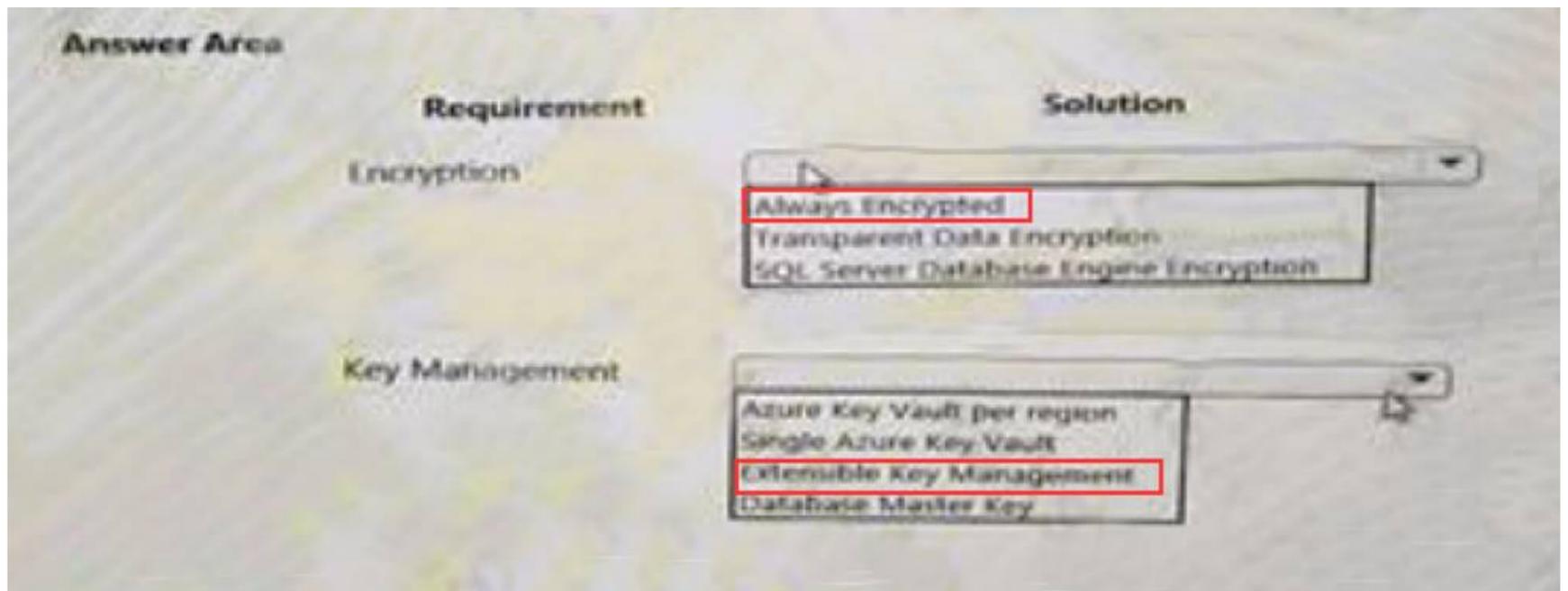
You need to ensure that the data security requirements are met.

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



Answer:

Explanation:



NEW QUESTION 138

You need to prevent security attacks based on the Tabular Data Stream (TDS) Protocol. Solution: Use certificate-based authentication for all Azure SQL instances. Does the solution meet the goal?

- A. Yes
- B. No

Answer: B

NEW QUESTION 139

You need to ensure that authentication requirements are met. What should you do?

- A. Enable multi-factor authentication.
- B. Enable Azure AD Identity Protection.
- C. Require users to authenticate by using Windows Hello for Business.
- D. Require users to authenticate by using certificate-based authentication.

Answer: B

Explanation: <https://docs.microsoft.com/en-us/azure/multi-factor-authentication/multi-factor-authentication>

NEW QUESTION 144

You need to ensure that the logging, monitoring, and alerting requirements are met. What should you recommend?

- A. Azure Storage Queue
- B. Azure Cosmos DB
- C. Azure Table storage
- D. Azure Event Hub

Answer: D

NEW QUESTION 149

You need to prevent security attacks based on the Tabular Data Stream (TDS) Protocol. Solution: Use an Azure Load Balancer for All TDS traffic. Does the solution meet the goal?

- A. Yes
- B. No

Answer: B

NEW QUESTION 150

You need to design the multi-tenant model for storing application and customer data. Which pattern should you recommend?

- A. Shared database-single
- B. Database-per-tenant with elastic pools
- C. Database-per-tenant without elastic pools
- D. Shared database-shared

Answer: B

Explanation: References:
<https://docs.microsoft.com/en-us/azure/sql-database/saas-tenancy-app-design-patterns>

NEW QUESTION 153

You need to ensure that source code and deployment artifact security requirements are met. What should you recommend? To answer, select the appropriate options in the answer area.

Component	Technology
Mechanism to retrieve users and passwords	<div style="border: 1px solid black; padding: 2px;"> <div style="text-align: right; padding-right: 5px;">▼</div> <div style="padding: 2px;">Managed Service Identity</div> <div style="padding: 2px;">TLS mutual authentication</div> <div style="padding: 2px;">X.509 certificate</div> </div>
Location of data users and passwords	<div style="border: 1px solid black; padding: 2px;"> <div style="text-align: right; padding-right: 5px;">▼</div> <div style="padding: 2px;">Azure Key Vault</div> <div style="padding: 2px;">Secret Manager tool</div> <div style="padding: 2px;">Application configuration file</div> </div>

Answer:

Explanation:

Component	Technology
Mechanism to retrieve users and passwords	<div style="border: 1px solid black; padding: 2px;"> <div style="text-align: right; padding-right: 5px;">▼</div> <div style="padding: 2px; border: 1px dashed green;">Managed Service Identity</div> <div style="padding: 2px;">TLS mutual authentication</div> <div style="padding: 2px;">X.509 certificate</div> </div>
Location of data users and passwords	<div style="border: 1px solid black; padding: 2px;"> <div style="text-align: right; padding-right: 5px;">▼</div> <div style="padding: 2px; border: 1px dashed green;">Azure Key Vault</div> <div style="padding: 2px;">Secret Manager tool</div> <div style="padding: 2px;">Application configuration file</div> </div>

Topic 3, Tailspin Toys (NEW)

Background Security

The security team at Tailspin Toys plans to eliminate legacy authentication methods that are in use, including NTLM and Windows pass-through authentication. Tailspin Toys needs to share resources with several business partners. You are investigating options to securely share corporate data.

Tailspin Toys has several databases that contain personally identifiable information (PII). User access PII only through the Tailspin Toys e-commerce website.

You secure apps by using on-premises Active Directory Domain Services (AD DS) credentials or Microsoft SQL Server logins.

Apps

The Tailspin Toys e-commerce site is hosted on multiple on-premises virtual machines (VMs). The VM runs either Internet Information Server (IIS) or SQL Server 2012 depending on role. The site is published to the Internet by using a single endpoint that balances the load across web servers. The site does not encrypt traffic between database servers and web servers.

The Tailspin Toys Customer Analyzer app analyzer e-commerce transactions to identify customer buying patterns, and outputs recommended product sale pricing.

The app runs large processing jobs that run for

75-120 minutes several times each day. The application development team plans to replace the current solution

with a parallel processing solution that scales based on computing demands.

The Tailspin Toys Human Resources (HR) app is an in-house developed app that hosts sensitive employee data. The app uses SQL authentication for Role-Based Access Control (RBAC).

Problem statement

The Tailspin Toys IT Leadership Team plans to address deficiencies in access control, data security, performance, and availability requirements. All applications must be updated to meet any new standards that are defined.

The Tailspin Toys e-commerce site was recently targeted by a cyberattack. In the attack, account information was stolen from the customer database.

Transactions that were in progress during the attack were not completed. Forensic investigation of the attack has revealed that the stolen customer data was captured in transit from the database to a compromised web server.

The HR team reports that unauthorized IT employees can view sensitive employee data by using service or application accounts.

Business Requirements Tailspin Toys e-commerce site

The business has requested that security and availability of the e-commerce site is improved to meet the following requirements.

? Communication between site components must be secured to stop data breaches. If servers are breached, the data must not be readable.

? The site must be highly available at each application tier, as well as the published endpoint.

? Customers must be able to authenticate to the e-commerce site with their existing social media accounts.

Tailspin Toys Customer Analyzer app

The business requires that processing time be reduced from 75-120 minutes to 5-15 minutes.

Tailspin Toys HR app

Only authorized employees and business partners are allowed to view sensitive employee data. HR has requested a mobile experience for end users.

Technical Requirements Security

The security team has established the following requirements for role-separation and RBAC:  Log on hours defined in AD DS must be enforced for users that access cloud resources.

? IT operations team members must be able to deploy and manage all resources in Azure, but must not be able to grant permissions to others.

? Application development team members must be able to deploy and manage Azure Web Apps.

? SQL database administrators must be able to deploy and manage SQL databases used by TailSpin Toys application.

? Application support analysts must be able to manage resources for the application(s) for which they are responsible.

? Service desk analysts must be able to view service status and component settings.

? Role assignment should use the principle of least privilege.

Tailspin Toys e-commerce site

The application is currently using a pair of hardware load balancers behind a single published endpoint to load balance traffic. Customer data is hosted in a SQL Server 2012 database. Customer user accounts are stored in an AD DS instance.

The updated application and supporting infrastructure must:

? Provide high availability in the event of failure in a single Azure SQL Database instance.

? Allow secure web traffic on port 443 only.

? Enable customers to authentication with Facebook, Microsoft Live ID or other social media identities. ? Encrypt SQL data at-rest.

? Encrypt data in motion between back-end SQL database instances and web application instances. ? Prevent administrator and service accounts from viewing PII data.

? Mask account and PII data presented to end user.

? Minimize outage duration in event of an Azure datacenter failure.

? The site should scale automatically to meet customer demand.

? The site should continue to serve requests, even in the event of failure of an Azure datacenter.

? Optimize site response time by auto-directing to the closest datacenter based on customer's geographic location.

Operations must be able to deploy the solution using an Azure Resource Manager (ARM) template.

Tailspin Toys Customer Analyzer app

The app uses several compute-intensive tasks that create long-running requests to the system, processing large amounts of data. The app runs on two large VMs that are scaled to max capacity in the corporate datacenter. The VMs cannot be scaled up or out to meet processing demands.

The new solution must meet the following requirements:

? Schedule processing of a large amount of pricing data on an hourly basis.

? Provide parallel processing and scale-on-demand computing resources to provide additional capacity as required.

? Processing times must meet the 5-15 minute processing requirement.

? Use simultaneous compute nodes to enable high performance computing for analysis.

? Minimal administrative efforts and custom development.

Operations must be able to deploy the solution using an Azure Resource Manager (ARM) template.

Tailspin Toys HR app

The solution architecture must meet the following requirements:

? Integrate with Azure Active Directory (Azure AD).

? Encrypt data at rest and in-transit.

? Limit access based on location, filtered by IP addresses for corporate sites and authorized business partners.

? Mask data presented to employees.

? Must be available on mobile devices.

Operations must be able to deploy the solution using an Azure Resource Manager (ARM) template.

NEW QUESTION 156

You need to recommend a solution architecture for the Tailspin Toys e-commerce website for app tier, data tier, and user authentication.

Solution:

? Web site based on Azure App Service

? App data stored in SQL Database

? Authentication provided through Azure AD business-to-business (B2B)

? Solution deployed to multiple Azure regional datacenters

? Load balancing with Traffic Manager

Does the solution meet the goal?

A. Yes

B. No

Answer: A

NEW QUESTION 161

You need to recommend a solution architecture for the Tailspin Toys e-commerce website for app tier, data tier, and user authentication.

Solution:

? Web App hosted in Azure virtual machines

? App data stored in Azure SQL Server 2016, hosted in Azure virtual machines

? Authentication provided through Azure AD business-to-consumer (B2C)

? Solution deployed to multiple Azure regional datacenters

? Load balancing with Azure Traffic Manager

Does the solution meet the goal?

A. Yes

B. No

Answer: B

NEW QUESTION 164

You need to select an Azure compute provider for the Tailspin Toys Customer Analyzer app. What should you use?

- A. Microsoft Flow
- B. Azure Login Apps
- C. Azure Functions
- D. Azure Batch

Answer: B

NEW QUESTION 167

You need to select an Azure identity provider for the Tailspin Toys e-commerce website. What should you use?

- A. Azure AD business-to-business (B2B)
- B. Azure AD business-to-consumer (B2C)
- C. Azure AD
- D. Microsoft account

Answer: B

NEW QUESTION 172

You need to meet the data requirements for the Tailspin Toys e-commerce website.

What should you do recommend? To answer, drag the appropriate recommendations to the correct requirements. Each recommendation 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.

Answer Area

Recommendations	Requirement	Recommendation
Azure AD B2B	User authentication	Recommendation
Azure AD B2C	Access to PII	Recommendation
Azure AD	SQL data security at-rest	Recommendation
SQL Transparent Data Encryption	SQL data security at the presentation layer	Recommendation
SQL Always Encrypted		
SQL Dynamic Data Masking		
Row-level Security		

Answer:

Explanation:

Answer Area

Recommendations	Requirement	Recommendation
Azure AD B2B	User authentication	Azure AD
Azure AD B2C	Access to PII	SQL Dynamic Data Masking
Azure AD	SQL data security at-rest	SQL Transparent Data Encryption
SQL Transparent Data Encryption	SQL data security at the presentation layer	SQL Always Encrypted
SQL Always Encrypted		
SQL Dynamic Data Masking		
Row-level Security		

NEW QUESTION 175

You need to select an Azure compute provider for the Tailspin Toys Customer Analyzer app. What should you use?

- A. Microsoft Flow
- B. Virtual Machine Scale Sets (VMSS)
- C. Azure Functions
- D. Azure Virtual Machines

Answer: B

NEW QUESTION 177

You need to recommend a solution architecture for the Tailspin Toys Customer Analyzes app.

What should you do recommend? To answer, drag the appropriate solutions to the correct components. Each solution 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.

Answer Area

Solutions	Component	Solution
Azure Automation	Tailspin Toys Customer Analyzer app processing	Solution
Azure Functions		Solution
Azure Batch	Tailspin Toys Customer Analyzer app data	Solution
SQL Server in Azure virtual machines		Solution
Azure SQL Database		Solution
Azure Data Lake store		Solution

Answer:

Explanation:

Answer Area

Solutions	Component	Solution
Azure Automation	Tailspin Toys Customer Analyzer app processing	Azure Batch
Azure Functions		Azure SQL Database
Azure Batch	Tailspin Toys Customer Analyzer app data	Azure SQL Database
SQL Server in Azure virtual machines		
Azure SQL Database		
Azure Data Lake store		

NEW QUESTION 182

You need to recommend a solution architecture for the Tailspin Toys e-commerce website for app tier, data tier, and user authentication.

Solution:

Web site based on Azure App Service App data stored in Azure SQL Database

Authentication provided through Azure AD business-to-consumer (B2C) Solution deployed to multiple Azure regional datacenters

Load balancing with Azure Traffic Manager Does the solution meet the goal?

- A. Yes
- B. No

Answer: A

Explanation: Topic 4, Lucerne PublishingBackground

Overview

Lucerne Publishing creates, stores, and delivers online media for advertising companies. This media is streamed to computers by using the web, and to mobile devices around the world by using native applications. The company currently supports the iOS, Android, and Windows Phone 8.1 platform.

Lucerne Publishing uses proprietary software to manage its media workflow. This software has reached the end of its lifecycle. The company plans to move its media workflows to the cloud. Lucerne Publishing provides access to its customers, who are third-party companies, so that they can download, upload, search, and index media that is stored on Lucerne Publishing servers.

Apps and Applications

Lucerne Publishing develops the applications that customers use to deliver media. The company currently provides the following media delivery applications:

- ? Lucerne Media W - a web application that delivers media by using any browser
- ? Lucerne Media M - a mobile app that delivers media by using Windows Phone 8.1
- ? Lucerne Media A - a mobile app that delivers media by using an iOS device
- ? Lucerne Media N - a mobile app that delivers media by using an Android device
- ? Lucerne Media D - a desktop client application that customer's install on their local computer

Business Requirements

Lucerne Publishing's customers and their consumers have the following requirements:

- ? Access to media must be time-constricted once media is delivered to a consumer.
- ? The time required to download media to mobile devices must be minimized.
- ? Customers must have 24-hour access to media downloads regardless of their location or time zone. ? Lucerne Publishing must be able to monitor the performance and usage of its customer-facing app.

Lucerne Publishing wants to make its asset catalog searchable without requiring a database redesign.

? Customers must be able to access all data by using a web application. They must also be able to access data by using a mobile app that is provided by Lucerne Publishing.

? Customers must be able to search for media assets by key words and media type.

? Lucerne Publishing wants to move the asset catalog database to the cloud without formatting the source data.

Other Requirements Development

Code and current development documents must be backed up at all times. All solutions must be automatically built and deployed to Azure when code is checked in to source control.

Network Optimization

Lucerne Publishing has a .NET web application that runs on Azure. The web application analyzes storage and the distribution of its media assets. It needs to monitor the utilization of the web application. Ultimately, Lucerne Publishing hopes to cut its costs by reducing data replication without sacrificing its quality of service to its customers. The solution has the following requirements:

? Optimize the storage location and amount of duplication of media.

? Vary several parameters including the number of data nodes and the distance from node to customers.

? Minimize network bandwidth.

? Lucerne Publishing wants to be notified of exceptions in the web application.

Technical Requirements Data Mining

Lucerne Publishing constantly mines its data to identify customer patterns. The company plans to replace the existing on-premises cluster with a cloud-based solution. Lucerne Publishing has the following requirements:

Virtual machines:

? The data mining solution must support the use of hundreds to thousands of processing cores.

? Minimize the number of virtual machines by using more powerful virtual machines. Each virtual machine must always have eight or more processor cores available.

? Allow the number of processor cores dedicated to an analysis to grow and shrink automatically based on the demand of the analysis.

? Virtual machines must use remote memory direct access to improve performance.

Task scheduling:

The solution must automatically schedule jobs. The scheduler must distribute the jobs based on the demand and available resources.

Data analysis results:

The solution must provide a web service that allows applications to access the results of analyses.

Other Requirements Feature Support

? Ad copy data must be searchable in full text.

? Ad copy data must be indexed to optimize search speed.

? Media metadata must be stored in Azure Table storage.

? Media files must be stored in Azure BLOB storage.

? The customer-facing website must have access to all ad copy and media.

? The customer-facing website must automatically scale and replicate to locations around the world.

? Media and data must be replicated around the world to decrease the latency of data transfers.

? Media uploads must have fast data transfer rates (low latency) without the need to upload the data offline.

Security

? Customer access must be managed by using Active Directory.

? Media files must be encrypted by using the PlayReady encryption method.

? Customers must be able to upload media quickly and securely over a private connection with no opportunity for internet snooping.

NEW QUESTION 185

You need to ensure that the customer-facing website meets the scaling and deployment requirements. What should you do?

- A. Use Traffic Manager with load balancing enable
- B. Deploy websites in a single region.
- C. Use Traffic Manager with load balancing enable
- D. Deploy web apps in multiple regions that are nearest to the website visitor populations
- E. Implement operational procedures to quickly deploy additional local instances of the web apps when you are notified by Traffic Manager
- F. Deploy and maintain multiple web app instances in the largest Azure datacenters in North America, Europe, and Asia.

Answer: B

Explanation: From scenario: Customers must have 24-hour access to media downloads regardless of their location or time zone.

NEW QUESTION 187

You need to select the appropriate solution for monitoring the .NET application. What should you recommend?

- A. Visual Studio IntelliTrace
- B. Application Insights
- C. Data Factory
- D. Microsoft Analytics Platform

Answer: B

NEW QUESTION 191

You need to recommend strategies for storing data.

Which services should you recommend? To answer, select the appropriate storage technology for each data type in the answer area.

Data Type	Storage Technology
Media metadata	<ul style="list-style-type: none"> Azure Queue Storage service Azure Media Services Azure Mobile Services Database using REST
Images	<ul style="list-style-type: none"> Azure Queue Storage service Azure Media Services Azure Mobile Services SQL Database using REST
Audio	<ul style="list-style-type: none"> Azure Queue Storage service Azure Media Services Azure Mobile Services SQL Database using REST
Video	<ul style="list-style-type: none"> Azure Queue Storage service Azure Media Services Azure Mobile Services SQL Database using REST

Answer:

Explanation: * Media metadata: Azure Queue Storage Service

Scenario: Media metadata must be stored in Azure Table storage.

Azure Queues provide a uniform and consistent programming model across queues, tables, and BLOBs – both for developers and for operations teams.

* Images: Azure Mobile Services

Scenario: Media files must be stored in Azure BLOB storage.

You can use Azure Mobile Services to access images from mobile devices.

* Audio: Azure Media Services

* Video: Azure Media Services

Microsoft Azure Media Services is an extensible cloud-based platform that enables developers to build scalable media management and delivery applications. Media Services is based on REST APIs that enable you to securely upload, store, encode and package video or audio content for both on-demand and live streaming

delivery to various clients (for example, TV, PC, and mobile devices).

References: <https://azure.microsoft.com/en-us/documentation/articles/media-services-overview/>

NEW QUESTION 194

You need to recommend an appropriate solution for the data mining requirements. Which solution should you recommend?

- A. Design a schedule process that allocates tasks to multiple virtual machines, and use the Azure Portal to create new VMs as needed.
- B. Use Azure Batch to schedule jobs and automate scaling of virtual machines.
- C. Use Traffic Manager to allocate tasks to multiple virtual machines, and use the Azure Portal to spin up new virtual machines as needed.
- D. Use Microsoft HPC Pack on-premises to schedule jobs and automate scaling of virtual machines in Azure.

Answer: B

NEW QUESTION 197

You need to recommend the appropriate strategy for the data mining application. What should you recommend?

- A. Configure multiple on-premises cluster that runs multiple Azure virtual machines to connect by using an Azure virtual private network (VPN).
- B. Configure an on-premises cluster that runs multiple Azure virtual machines that is located in the central office.
- C. Configure a cluster of high-performance computing virtual machines (VMs) that use the largest number of core
- D. Ensure that the VMs are instantiated in different Azure datacenters that are distributed across the same affinity group.
- E. Configure a cluster of high-performance computing virtual machines (VMs) that use the largest number of core
- F. Ensure that the VMs are instantiated in the same Azure datacenter.

Answer: B

Explanation: Scenario: Data Mining

Lucerne Publishing constantly mines its data to identify customer patterns. The company plans to replace the existing on-premises cluster with a cloud-based solution.

* The data mining solution must support the use of hundreds to thousands of processing cores.

* Minimize the number of virtual machines by using more powerful virtual machines. Each virtual machine must always have eight or more processor cores available.

* Allow the number of processor cores dedicated to an analysis to grow and shrink automatically based on the demand of the analysis.

* Virtual machines must use remote memory direct access to improve performance.

NEW QUESTION 198

You need to upload video to the company's Azure environment. What should you do?

- A. Create a site-to-site VPN connection.
- B. Write directly to the storage REST APIs.
- C. Create an ExpressRoute connection.
- D. Use the Azure Import/Export service to move the data.

Answer: C

Explanation: / Media files must be stored in Azure BLOB storage.

/ Media uploads must have fast data transfer rates (low latency) without the need to upload the data offline.

NEW QUESTION 199

You need to recommend an appropriate solution for the data mining requirements. Which solution should you recommend?

- A. Design a schedule process that allocates tasks to multiple virtual machines, and use the Azure Portal to create new VMs as needed.
- B. Use Azure HPC Scheduler Tools to schedule jobs and automate scaling of virtual machines.
- C. Use Traffic Manager to allocate tasks to multiple virtual machines, and use the Azure Portal to spin up new virtual machines as needed.
- D. Use Windows Server HPC Pack on-premises to schedule jobs and automate scaling of virtual machines in Azure.

Answer: B

Explanation: * Scenario: Virtual machines:

? The data mining solution must support the use of hundreds to thousands of processing cores.

? Minimize the number of virtual machines by using more powerful virtual machines. Each virtual machine must always have eight or more processor cores available.

? Allow the number of processor cores dedicated to an analysis to grow and shrink automatically based on the demand of the analysis.

? Virtual machines must use remote memory direct access to improve performance. Task scheduling:

The solution must automatically schedule jobs. The scheduler must distribute the jobs based on the demand and available resources.

NEW QUESTION 203

You need to configure the deployment of the storage analysis application. What should you do?

- A. Create a new Mobile Service.
- B. Configure the deployment from source control.
- C. Add a new deployment slot.
- D. Turn on continuous integration.

Answer: B

Explanation: Scenario: Data analysis results:

The solution must provide a web service that allows applications to access the results of analysis.

Topic 5, Northwind Electric CarsBackground
Overview

Northwind Electric Cars is the premier provider of private, low-cost transportation in Denver. Northwind drivers are company employees who work together as a team. The founding partners believe that by hiring their drivers as employees, their drivers focus on providing a great customer experience. Northwind Electric Cars has a reputation for offering fast, reliable, and friendly service, due largely to their extensive network of drivers and their proprietary dispatching software named NorthRide.

Northwind Electric Cars drivers depend on frequent, automatic updates for the NorthRide mobile app. The Northwind management team is concerned about

unplanned system downtime and slow connection speeds caused by high usage. Additionally, Northwind's in-house data storage solution is unsustainable because of the new influx of customer data that is retained. Data backups are made periodically on DVDs and stored on-premises at corporate headquarters.

Apps NorthRide App

Northwind drivers use the NorthRide app to meet customer pickup requests. The app uses a GPS transponder in each Northwind vehicle and Bing Maps APIs to monitor the location of each vehicle in the fleet in real time. NorthRide allows Northwind dispatchers to optimize their driver coverage throughout the city.

When new customers call, the dispatcher enters their pickup locations into NorthRide. NorthRide identifies the closest available driver. The dispatcher then contacts the driver with the pick-up details. This process usually results in a pick-up time that is far faster than the industry average.

Drivers use NorthRide to track the number of miles they drive and the number of customers they transport. Drivers also track their progress towards their established goals, which are measured by using key performance indicators (KPIs).

NorthRide App 2.0

Northwind Electric Cars is growing quickly. New callers often wait for their calls to be answered because the dispatchers are contacting their drivers to arrange pickups for other customers.

To support the growth of the business, Northwind's development team completes an overhaul of the NorthRide system that it has named NorthRide 2.0. When a dispatcher enters a customer's pickup location, the address and driving directions are automatically sent to the driver who is closest to the customer's pickup location.

Drivers indicate their availability on the NorthRide mobile app and can view progress towards their KPI's in real time. Drivers can also record customer ratings and feedback for each pickup.

Business Requirements Apps

NorthRideFinder App

Northwind Electric Cars needs a customer-facing website and mobile app that allows customers to schedule pickups. Customers should also be able to create profiles that will help ensure the customer gets a ride faster by storing customer information.

Predictor App

Northwind Electric Cars needs a new solution named Predictor. Predictor is an employee-facing mobile app. The app predicts periods of high usage and popular pickup locations and provides various ways to view this predictive data. Northwind uses this information to better distribute its drivers. Northwind wants to use the latest Azure technology to create this solution.

Other Requirements

? On-premises data must be constantly backed up.

? Mobile data must be protected from loss, even if connectivity with the backend is lost.

? Dispatch offices need to have seamless access to both their primary data center and the applications and services that are hosted in the Azure cloud.

? Connectivity needs to be redundant to on-premises and cloud services, while providing a way for each dispatch office to continue to operate even if one or all of the connection options fail.

? The management team requires that operational data is accessible 24/7 from any office location.

Technical Requirements Apps and Website

NorthRide / NorthRideFinder Apps:

? The solution must support on-premises and Azure data storage.

? The solution must scale as necessary based on the current number of concurrent users.

? Customer pickup requests from NorthRideFinder must be asynchronous.

? The customer pickup request system will be high in volume, and each request will have a short life span.

? Data for NorthRideFinder must be protected during a loss of connectivity.

? NorthRide users must authenticate to the company's Azure Active Directory. Northwind Public Website

? The customer website must use a WebJob to process profile images into thumbnails

? The customer website must be developed with lowest cost and difficulty in mind.

? The customer website must automatically scale to minimize response times for customers.

Other Requirements Data Storage:

? The data storage must interface with an on-premises Microsoft SQL backend database.

? A disaster recovery system needs to be in place for large amounts of data that will backup to Azure.

? Backups must be fully automated and managed the Azure Management Portal.

? The recovery system for company data must use a hybrid solution to back up both the on-premises Microsoft SQL backend and any Azure storage.

Predictive Routing:

? An Azure solution must be used for prediction systems.

? Predictive analytics must be published as a web service and accessible by using the REST API.

Security:

? The NorthRide app must use an additional level of authentication other than the employee's password. ? Access must be secured in NorthRide without opening a firewall port.

? Company policy prohibits inbound connections from internet callers to the on-premises network.

? Customer usernames in NorthRideFinder cannot exceed 10 characters.

? Customer data in NorthRideFinder can be received only by the user ID that is associated with the data.

NEW QUESTION 208

You need to recommend the steps required to deploy the Northwind Electric Cars website.

Which three actions should you recommend performing 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

Publish an application with a WebJob backend to an Azure web app.

Scale the WebJob separately from the website to spread web traffic loads.

Publish a frontend site to an Azure web app, and publish a WebJob backend to a separate Azure web app.

Schedule the WebJob to run at non-peak times.

Create an Azure storage account.

Answer Area



Answer:

Explanation: References:
<https://docs.microsoft.com/en-us/azure/app-service-web/websites-dotnet-webjobs-sdk-get-started>

NEW QUESTION 212

You need to provide a data access solution for the NorthRide app.

Which four 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

Obtain the default management credentials for the namespace.

Create a service namespace under Service Bus.

Configure the Service Bus to consume a web service.

Configure Service Bus Queue.

Configure the application to use Service Bus Relay.

Answer Area

Answer:

Explanation: Box 1: Create a service namespace under Service Bus
Box 2: Obtain the default management credentials for the namespace. Box 3: Configure the application to use Service Bus Relay
Box 4: Configure Service Bus Queue Note:

Box 1: Create a service namespace under Service Bus

To begin using Service Bus queues in Azure, you must first create a service namespace. A namespace provides a scoping container for addressing Service Bus resources within your application.

Box 2: Obtain the default management credentials for the namespace.

In order to perform management operations, such as creating a queue on the new namespace, you must obtain the management credentials for the namespace.

Box 3: Configure the application to use Service Bus Relay

When you create an application that uses Service Bus, you must add a reference to the Service Bus assembly and include the corresponding namespaces.

The Service Bus NuGet package is the easiest way to get the Service Bus API and to configure your application with all of the Service Bus dependencies.

After installing this package you are now ready to write code for Service Bus. Box 4: Configure Service Bus Queue

This would include:

* set up a Service Bus connection string

* create a queue

* provide code to send/receive messages from the queue

References: <https://azure.microsoft.com/en-gb/documentation/articles/service-bus-dotnet-how-to-use-queues/>

NEW QUESTION 213

You need to design the authentication solution for the NorthRide app. Which solution should you use?

- A. Azure Active Directory Basic with multi-factor authentication for the cloud and on-premises users.
- B. Active Directory Domain Services with mutual authentication
- C. Azure Active Directory Premium and add multi-factor authentication the for cloud users
- D. Active Directory Domain Services with multi-factor authentication

Answer: C

Explanation: * Scenario: The NorthRide app must use an additional level of authentication other than the employee's password.

* Azure Multi-Factor Authentication is the multi-factor authentication service that requires users to also verify sign-ins using a mobile app, phone call or text message. It is available to use with Azure Active Directory, to secure on-premise resources with the Azure Multi-Factor Authentication Server, and with custom applications and directories using the SDK. References:

NEW QUESTION 216

You need to design the notification service for the customer-facing mobile app.

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

- Update the mobile service script to send push notifications.
- Connect the mobile app to the mobile service.
- Push a notification to the target applications.
- Configure a notification hub.
- Connect the mobile app to the notification hub.
- Configure Mobile Services for push notifications.

Answer Area

Answer:

Explanation: Azure Notification Hubs provide an easy-to-use infrastructure that enables you to send mobile push notifications from any backend (in the cloud or on-premises) to any mobile platform.

Configuration steps include:

1. Configure your Notification Hub
2. Connecting your app to the Notification Hub
3. Send notification from your back-end

You can send notifications using Notification Hubs from any back-end using the REST interface. You do this through a script, not a configuration of Mobile Services. Use Java or PHP for the script.

References:

<https://azure.microsoft.com/en-us/documentation/articles/notification-hubs-windows-store-dotnet-get-started/#se>

NEW QUESTION 218

You need to recommend a solution that meets the requirements for data storage for the NorthRide app. What should you include in the recommendation?

- A. Azure Remote App
- B. Azure Service Bus
- C. Azure Connect
- D. Azure SQL Database

Answer: B

Explanation: Service Bus queues are part of a broader Azure messaging infrastructure that supports queuing as well as publish/subscribe, Web service remoting, and integration patterns.

Service Bus Queue support Push-style API (while Azure Queue messaging does not). References: <https://msdn.microsoft.com/en-us/library/azure/hh767287.aspx>

NEW QUESTION 221

You need to configure the Northwind website.

Which two solutions should you use? Each correct answer presents part of the solution.

- A. Configure a hybrid connection to the database.

- B. Create Azure virtual machines that run Windows and Linux servers in Azure data centers.
- C. Use Azure Zone Redundant Storage to provide redundancy across Azure global data centers.
- D. Deploy the Northwind site to an Azure web app.
- E. Implement Azure ExpressRoute to increase the bandwidth for users of the Northwind public website.

Answer: AD

NEW QUESTION 222

You need to recommend the appropriate technology to provide the predictive analytics for passenger pickup. What should you do?

- A. Use Power BI to analyze the traffic data and PowerPivot to categorize the results.
- B. Use HDInsight to analyze the traffic data and write a .NET program to categorize the results.
- C. Use Machine Learning Studio to create a predictive model and publish the results as a web service.
- D. Use Hadoop on-premises to analyze the traffic and produce a report that shows high traffic zones.

Answer: C

Explanation: * Scenario: Predictive Routing:

/ An Azure solution must be used for prediction systems.

/ Predictive analytics must be published as a web service and accessible by using the REST API.

* Microsoft Azure Machine Learning Studio is a collaborative visual development environment that enables you to build, test, and deploy predictive analytics solutions that operate on your data. The Machine Learning service and development environment is cloud-based, provides compute resource and memory flexibility, and eliminates setup and installation concerns because you work through your web browser.

References: <https://azure.microsoft.com/en-us/documentation/articles/machine-learning-what-is-ml-studio/>

Topic 6, Fourth CoffeeBackground

You are the new cloud architect for Fourth Coffee. The company hosts an on-premises ASP.NET MVC web application to allow online purchases and to support their retail store operations.

The new chief information officer (CIO) has announced several initiatives for the new year, including a new mobile application, online training for retail store employees, and moving the current web application and other services to the cloud.

The marketing team hopes to see an increase in the up-time for the web application. The team would also like to allow users to use social-Nogms in addition to the current username and password system.

Fourth Coffee has chosen Microsoft Azure to support their initiatives.

Current environment

In the Azure portal, you create an Azure Mobile App for the API. You create a Service Bus queue in Azure and install the Azure Storage SDK for Node.js.

Problem statements

The mobile team attempts to use continuous deployment with the Azure App Service and the new API project.

They receive the following error message: "Unable to access

'http://fourthcoffeeapi.azurewebsites.net/': Failed to connect to

https://fourthcoffeeapi.scm.azurewebsites.net/"

Business requirement Web Application

*You must increase up-time for the application.

*The application must support additional regions and languages.

*Marketing must be able to validate the web application before updates to the application are published to the production environment.

Mobile

*The marketing team must be able to send frequent and timely updates to specific users and devices including Apple iPad, iPhone, Android, Windows, and Windows Phone devices.

*Users must be able to use their social accounts to sign in to the application. You must support LinkedIn, Facebook and Google logons.

*The application must remain responsive, even during peak periods.

Training

Video streaming content must be made available and streamed to employee's browsers. Training content must only include on-demand streaming. There will be no live content.

Technical requirement Web Application

*You must update the deployment process to support cloud deployments.

*All data must be formatted as JSON during transport.

*You must implement Team Foundation Version Control (TFVC) as the version control system for the web application.

*Incoming messages to the API must be persisted to queue storage to ensure they are delivered and processed. You must restrict the size of messages between the mobile app and the API to no more than 5 gigabytes (GB).

*The web application must use geo-redundant replication.

Mobile

*You must use Node.js as a technology platform. You must support all mobile initiatives when possible.

*You must implement Git as the version control system for the mobile app.

*You must develop a REST API by using Node.js, Express, and MongoDB. You must use the Mobile Apps feature of the Azure App Service to host the API in Standard mode.

*You must implement the following Push Notification Services by using Azure Media Services:

*Apple Push Notification Service (APNS) for iPad and iPhone devices

*Google Cloud Messaging service (GCM) for Android devices

*Windows Notification Service (WNS) for Windows devices

*Microsoft Push Notification Service (MPNS) for Windows Phone devices

Security and Disaster Recovery

*You must integrate the on-premises Active Directory Domain Services with Azure Active Directory (Azure AD).

*You must implement the latest federated identity standards to provide authentication and authorization to applications.

*You must implement Multi-Factor Authentication.

*The web application and the API must be able to recover from a disaster.

Scaling

The web application and API must auto-scale according to the following rules:

*Scale up by one instance if CPU is above 70%.

*Scale down by one instance if CPU is below 50%.

Training

*Streaming must include Content Delivery Network (CDN) capabilities to support global locations.

*Content must be encrypted and protected by using AES and PlayReady.

*Streaming must include one gigabit (GB) per second of dedicated egress capacity.

*All videos must use adaptive bitrate MP4 encoded content and include a streaming manifest file (.ism).

*You must support the following streaming formats for video files: MPEG DASH, HI_S, Smooth Streaming, HDS. You must not need to re-encode the content.

NEW QUESTION 224

You need to persist the API messages.

Which five steps 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		Answer Area
Use Windows PowerShell to obtain the Node.js packages.	<div style="display: flex; flex-direction: column; align-items: center; gap: 20px;"> ⬅ ➡ </div>	
Import the modules and assign values to the namespace and access key environment.		
Set the queue size limit to 10 gigabytes (GB). Then, call the sendQueueMessage and receiveQueueMessage methods.		
Set the queue size limit to 5 gigabytes (GB). Then, call the sendQueueMessage and receiveQueueMessage methods.		
Create a ServiceBusService object.		
Call the createQueueNotExists method.		
Use Windows PowerShell to obtain the Python packages.		
		<div style="display: flex; flex-direction: column; align-items: center; gap: 20px;"> ⬆ ⬇ </div>

Answer:

Explanation:

Actions		Answer Area
Use Windows PowerShell to obtain the Node.js packages.	<div style="display: flex; flex-direction: column; align-items: center; gap: 20px;"> ⬅ ➡ </div>	Use Windows PowerShell to obtain the Node.js packages.
Import the modules and assign values to the namespace and access key environment.		Import the modules and assign values to the namespace and access key environment.
Set the queue size limit to 10 gigabytes (GB). Then, call the sendQueueMessage and receiveQueueMessage methods.		Create a ServiceBusService object.
Set the queue size limit to 5 gigabytes (GB). Then, call the sendQueueMessage and receiveQueueMessage methods.		Set the queue size limit to 5 gigabytes (GB). Then, call the sendQueueMessage and receiveQueueMessage methods.
Create a ServiceBusService object.		Call the createQueueNotExists method.
Call the createQueueNotExists method.		
Use Windows PowerShell to obtain the Python packages.		

NEW QUESTION 225

Marketing is ready to start their web application validations and is excited to be expanding globally. You need to support the global web application 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 and deploy new web applications to a valid geo-location.

Create a new Azure Traffic Manager with the Load Balancing method set to Failover.

Create a new Azure Traffic Manager with the Load Balancing method set to Performance.

Create a new Azure Traffic Manager with the Load Balancing method set to Round Robin.

Add new endpoints and update the CNAME record for the web application to point to the Azure Traffic Manager.

Add new endpoints and update the A record for the web application to point to the Azure Traffic Manager.

Answer Area



Answer:

Explanation:

Actions

Create and deploy new web applications to a valid geo-location.

Create a new Azure Traffic Manager with the Load Balancing method set to Failover.

Create a new Azure Traffic Manager with the Load Balancing method set to Performance.

Create a new Azure Traffic Manager with the Load Balancing method set to Round Robin.

Add new endpoints and update the CNAME record for the web application to point to the Azure Traffic Manager.

Add new endpoints and update the A record for the web application to point to the Azure Traffic Manager.

Answer Area

Create and deploy new web applications to a valid geo-location.

Add new endpoints and update the CNAME record for the web application to point to the Azure Traffic Manager.



Create a new Azure Traffic Manager with the Load Balancing method set to Performance.



NEW QUESTION 227

You need to support the disaster recovery requirements of the web application and API. Which two actions should you perform? Each correct answer presents part of the solution.

- A. Deploy the API and web application to multiple locations.
- B. Configure automated backups of the API and web application.
- C. Create a new Azure SQL Data Warehouse and connect it to the web application and API.
- D. Enable Application Insights for the web application and API.
- E. Create an Azure Redis Cache for the web application and API.

Answer: AB

NEW QUESTION 228

A company has 10 on-premises SQL databases. The company plans to move the databases to SQL Server 2012 that runs in Azure Infrastructure-as-a-Service (IaaS). After migration, the databases will support a limited number of Azure websites in the same Azure Virtual Network.

You have the following requirements:

- * You must restore copies of existing on-premises SQL databases to the SQL servers that run in Azure IaaS.
- * You must be able to manage the SQL databases remotely.
- * You must not open a direct connection from all of the machines on the on-premises network to Azure.
- * Connections to the databases must originate from only five Windows computers. You need to configure remote connectivity to the databases.

Which technology solution should you implement?

- A. Azure Virtual Network site-to-site VPN
- B. Azure Virtual Network multi-point VPN
- C. Azure Virtual Network point-to-site VPN
- D. Azure ExpressRoute

Answer: C

Explanation: A point-to-site VPN would meet the requirements.

References: <https://azure.microsoft.com/en-us/documentation/articles/vpn-gateway-point-to-site-create/>

NEW QUESTION 232

A company has a very large dataset that includes sensitive information. The dataset is over 30 TB in size. You have a standard business-class ISP internet connection that is rated at 100 megabits/second.

You have 10 4-TB hard drives that are approved to work with the Azure Import/Export Service.

You need to migrate the dataset to Azure. The solution must meet the following requirements:

- * The dataset must be transmitted securely to Azure.
- * Network bandwidth must not increase.
- * Hardware costs must be minimized. What should you do?

- A. Prepare the drives with the Azure Import/Export tool and then create the import job
- B. Ship the drives to Microsoft via a supported carrier service.
- C. Create an export job and then encrypt the data on the drives by using the Advanced Encryption Standard (AES). Create a destination Blob to store the export data.
- D. Create an import job and then encrypt the data on the drives by using the Advanced Encryption Standard (AES). Create a destination Blob to store the import data.
- E. Prepare the drives by using Sysprep.exe and then create the import job
- F. Ship the drives to Microsoft via a supported carrier service.

Answer: A

Explanation: You can use the Microsoft Azure Import/Export service to transfer large amounts of file data to Azure Blob storage in situations where uploading over the network is prohibitively expensive or not feasible.

References:

<http://azure.microsoft.com/en-gb/documentation/articles/storage-import-export-service/>

NEW QUESTION 236

You are designing an Azure development environment. Team members learn Azure development techniques by training in the development environment.

The development environment must automatically scale and load balance additional virtual machine (VM) instances.

You need to recommend the most cost-effective compute-instance size that allows team members to work with Azure in the development environment.

What should you recommend?

- A. Azure A1 standard VM Instance
- B. Azure A2 basic VM Instance
- C. Azure A3 basic VM Instance
- D. Azure A9 standard VM Instance

Answer: A

Explanation: Azure A1 standard VM Instance would be cheapest with 1 CPU core, 0.75 GB RAM, and 40 GB HD. It would be good enough for training purposes.

References:

<http://azure.microsoft.com/en-us/pricing/details/virtual-machines/>

NEW QUESTION 238

You are planning an upgrade strategy for an existing Azure application. Multiple instances of the application run in Azure. The management team is concerned about application downtime, due to a business service level agreement (SLA).

You are evaluating which change in your environment will require downtime. You need to identify the changes to the environment that will force downtime. Which change always requires downtime?

- A. Adding an HTTPS endpoint to a web role
- B. Upgrading the hosted service by deploying a new package
- C. Changing the value of a configuration setting
- D. Changing the virtual machine size

Answer: A

Explanation: If you change the number of endpoints for your service, for example by adding a HTTPS endpoint for your existing Web Role, it will require downtime.

References:

<http://blog.toddysm.com/2010/06/re-deploying-your-windows-azure-service-without-incurring-downtime.html>

NEW QUESTION 242

You need to automate tasks with Azure by using Azure PowerShell workflows.

How should you complete the Azure PowerShell script? To answer, drag the appropriate cmdlet to the correct location. Each cmdlet 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.

Azure PowerShell cmdlets	Answer Area
Checkpoint-Workflow	<pre> workflow Use-WorkflowCheckpointSample { Set-AutomationVariable -Name 'HasBeenSuspended' -Value \$False Write-Output "Before Checkpoint" [-----] Write-Output "After Checkpoint" \$HasBeenSuspended = ` [-----] -Name 'HasBeenSuspended' if (!\$HasBeenSuspended) { Set-AutomationVariable -Name 'HasBeenSuspended' -Value \$True 1 + "abc" } [-----] } </pre>
New-AzureAutomationRunbook	
Get-AutomationVariable	
Get-AzureAutomationRunbook	
Write-Output "Runbook Complete"	

Answer:

Explanation: workflow Use-WorkflowCheckpointSample

```

{
# An exception occurs if 'HasBeenSuspended' does not already exist.
# Exceptions that are not caught with a try/catch will cause the runbook to suspend. Set-AutomationVariable -Name 'HasBeenSuspended' -Value $False
# This line occurs before the checkpoint. When the runbook is resumed after
# suspension, 'Before Checkpoint' will not be output a second time. Write-Output "Before Checkpoint"
# A checkpoint is created. Checkpoint-Workflow
# This line occurs after the checkpoint. The runbook will start here on resume. Write-Output "After Checkpoint"
$HasBeenSuspended = Get-AutomationVariable -Name 'HasBeenSuspended'
# If branch only executes if the runbook has not previously suspended. if (!$HasBeenSuspended) {
Set-AutomationVariable -Name 'HasBeenSuspended' -Value $True
# This will cause a runtime exception. Any runtime exception in a runbook
# will cause the runbook to suspend. 1 + "abc"
}
Write-Output "Runbook Complete"
}

```

References: <https://gallery.technet.microsoft.com/scriptcenter/How-to-use-workflow-cd57324f>

NEW QUESTION 246

You design an Azure web application. The web application is accessible by default as a standard cloudapp.net URL.

You need to recommend DNS resource record types that allow you to configure access to the web application by using a custom domain name.

Which two DNS record types should you recommend?

- A. SRV
- B. CNAME
- C. MX
- D. A

Answer: BD

NEW QUESTION 251

You are designing an Azure application. The application includes services hosted in different geographic locations. The service locations may change.

You must minimize the cost of communication between services.

You need to recommend an approach for data transmission between your application and Azure services. The solution must minimize administrative effort.

What should you recommend?

- A. Azure Table storage
- B. Service Bus queue
- C. Service Management API
- D. Azure Queue storage

Answer: B

Explanation: The cost of ACS transactions is insignificant when performing messaging operations against Service Bus queues. Service Bus acquires one ACS

token per a single instance of the messaging factory object. The token is then reused until it expires, after about 20 minutes. Therefore, the volume of messaging operations in Service Bus is not directly proportional to the amount of ACS transactions required to support these operations.
References: <https://msdn.microsoft.com/library/azure/hh767287.aspx>

NEW QUESTION 254

You have an Azure website that runs on several instances. You have a WebJob that provides additional functionality to the website. The WebJob must run on all instances of the website. You need to ensure that the WebJob runs even when the website is idle for long periods of time. How should you create and configure the WebJob object? To answer, select the appropriate options in the answer area.

Answer Area

Requirement	Action
Create the WebJob object	<div style="border: 1px solid black; padding: 5px;"> <div style="border-bottom: 1px solid black; margin-bottom: 5px;">▼</div> <ul style="list-style-type: none"> Create the WebJob as a scheduled task. Create the WebJob as an on-demand task. Create the WebJob as a continuously running task. </div>
Configure the WebJob object	<div style="border: 1px solid black; padding: 5px;"> <div style="border-bottom: 1px solid black; margin-bottom: 5px;">▼</div> <ul style="list-style-type: none"> Enable AlwaysOn for the website. Enable AlwaysOn for the database. Configure the WebJob to run continuously. </div>

Answer:

Explanation: * You can run programs or scripts in WebJobs in your App Service web app in three ways: on demand, continuously, or on a schedule. * For continuous WebJobs there is an important feature called "always on" which is only available for a Standard Website, this will make sure your Website and WebJob are always up.
References: <http://azure.microsoft.com/en-us/documentation/articles/web-sites-create-web-jobs/>

NEW QUESTION 258

A company has multiple Azure subscriptions. It plans to deploy a large number of virtual machines (VMs) into Azure. You install the Azure PowerShell module, but you are unable connect to all of the company's Azure subscriptions. You need to automate the management of the Azure subscriptions. Which two Azure PowerShell cmdlets should you run?

- A. Get-AzurePublishSettingsFile
- B. Import-AzurePublishSettingsFile
- C. Add-AzureSubscription
- D. Import-AzureCertificate
- E. Get-AzureCertificate

Answer: AB

Explanation: Before you start using the Windows Azure cmdlets to automate deployments, you must configure connectivity between the provisioning computer and Windows Azure. You can do this automatically by downloading the PublishSettings file from Windows Azure and importing it. To download and import publish settings and subscription information
References: <https://msdn.microsoft.com/en-us/library/dn385850%28v=nav.70%29.aspx>

NEW QUESTION 261

You are designing an Azure Web App that will use one worker role. The Web App does not use SQL Database. You have the following requirements:
*Maximize throughput and system resource availability
*Minimize downtime during scaling
You need to recommend an approach for scaling the application. Which approach should you recommend?

- A. Increase the role instance size.
- B. Set up horizontal partitioning.
- C. Increase the number of role instances.
- D. Set up vertical partitioning.

Answer: C

Explanation: On the Scale page of the Azure Management Portal, you can manually scale your application or you can set parameters to automatically scale it.

You can scale applications that are running Web Roles, Worker Roles, or Virtual Machines. To scale an application that is running instances of Web Roles or Worker Roles, you add or remove role instances to accommodate the work load.

References:

<http://azure.microsoft.com/en-gb/documentation/articles/cloud-services-how-to-scale/>

NEW QUESTION 262

You are migrating Active Directory Domain Services (AD DS) domains to Azure. You need to recommend the least complex directory synchronization solution. What should you recommend? To answer, drag the appropriate solution to the correct client requirement. Each solution 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.

Solutions	Answer Area	
Directory Sync (DirSync) with Password Sync	Client requirements	Solution
Directory Sync (DirSync) with single sign-on (SSO)	Customize the user sign-in page.	Solution
Azure Access Control Service	Enable users to sign in and access cloud services using their on-premises password.	Solution
	Ensure user authentications occur in the on-premises Active Directory.	Solution
	Control password policies from the on-premises Active Directory.	Solution

Answer:

Explanation: Solutions

Directory Sync (DirSync) with Password Sync
Directory Sync (DirSync) with single sign-on (SSO)
Azure Access Control Service

Answer Area

Client requirements	Solution
Customize the user sign-in page.	Azure Access Control Service
Enable users to sign in and access cloud services using their on-premises password.	Directory Sync (DirSync) with Password Sync
Ensure user authentications occur in the on-premises Active Directory.	Directory Sync (DirSync) with single sign-on (SSO)
Control password policies from the on-premises Active Directory.	Directory Sync (DirSync) with Password Sync

NEW QUESTION 265

You design an Azure web application. The web application is accessible by default as a standard cloudapp.net URL.

You need to recommend a DNS resource record type that will allow you to configure access to the web application by using a custom domain name.

Which DNS record type should you recommend?

- A. SRV
- B. MX
- C. CNAME
- D. A

Answer: C

Explanation: A CNAME record maps a specific domain, such as contoso.com or www.contoso.com, to a canonical domain name. In this case, the canonical domain name is the <myapp>.cloudapp.net domain name of your Azure hosted application. Once created, the CNAME creates an alias for the <myapp>.cloudapp.net. The CNAME entry will resolve to the IP address of your <myapp>.cloudapp.net service automatically, so if the IP address of the cloud service changes, you do not have to take any action.

Incorrect: Not D:

* Since an A record is mapped to a static IP address, it cannot automatically resolve changes to the IP address of your Cloud Service.

* An A record maps a domain, such as contoso.com or www.contoso.com, or a wildcard domain such as

*.contoso.com, to an IP address. In the case of an Azure Cloud Service, the virtual IP of the service. So the main benefit of an A record over a CNAME record is that you can have one entry that uses a wildcard, such as

*.contoso.com, which would handle requests for multiple sub-domains such as mail.contoso.com, login.contoso.com, or www.contoso.com.

*.contoso.com, which would handle requests for multiple sub-domains such as mail.contoso.com, login.contoso.com, or www.contoso.com.

References:

NEW QUESTION 267

You plan to implement a predictive analytics solution in Azure Machine Learning Studio (ML Studio). You intend to train the solution by using existing data that resides on-premises. The on-premises data is a collection of delimited text files that total 5 GB in size.

You need to identify the process of adding the existing data to the solution.

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

Answer Area

Upload data into:

▼

ML Studio
an Azure SQL Database

In ML Studio, create:

▼

a DataSet
an experiment

In ML Studio, consume data by using the:

▼

Add Rows module
Enter Data module
Reader module

Answer:

Explanation:

Answer Area

Upload data into:

▼

ML Studio
an Azure SQL Database

In ML Studio, create:

▼

a DataSet
an experiment

In ML Studio, consume data by using the:

▼

Add Rows module
Enter Data module
Reader module

NEW QUESTION 270

You are designing an Azure Web App that includes many static content files.

The application is accessed from locations all over the world by using a custom domain name.

You need to recommend an approach for providing access to the static content with the least amount of latency.

Which two actions should you recommend? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

- A. Configure a custom domain name that is an alias for the Azure Storage domain.
- B. Place the static content in Azure Table storage.
- C. Configure a CNAME DNS record for the Azure Content Delivery Network (CDN) domain.
- D. Place the static content in Azure Blob storage and enable Content Delivery Network (CDN) on the account.

Answer: CD

Explanation: B: There are two ways to map your custom domain to a CDN endpoint.

1. Create a CNAME record with your domain registrar and map your custom domain and subdomain to the CDN endpoint
2. Add an intermediate registration step with Azure cdnverify

C: The Azure Content Delivery Network (CDN) offers developers a global solution for delivering high-bandwidth content by caching blobs and static content of compute instances at physical nodes in the United States, Europe, Asia, Australia and South America.

The benefits of using CDN to cache Azure data include:

/ Better performance and user experience for end users who are far from a content source, and are using applications where many 'internet trips' are required to load content

/ Large distributed scale to better handle instantaneous high load, say, at the start of an event such as a product launch

References: <https://azure.microsoft.com/en-gb/documentation/articles/cdn-how-to-use/> <https://github.com/Azure/azure-content/blob/master/articles/cdn-map-content-to-custom-domain.md> <https://github.com/Azure/azure-content/blob/master/articles/cdn-map-content-to-custom-domain.md>

NEW QUESTION 274

You are designing an Azure application that processes graphical image files. The graphical Images are processed in batches by remote applications that run on multiple servers.

You have the following requirements:

*The application must remain operational during batch-processing operations.

*Users must be able to roll back each image to a previous version.

You need to ensure that each remote application has exclusive access to an image while the application processes the image. Which type of storage should you use to store the images?

- A. Table service
- B. Queue service
- C. Blob service
- D. A single Azure VHD that is attached to the web role

Answer: C

Explanation: * Blob Leases allow you to claim ownership to a Blob. Once you have the lease you can then update the Blob or delete the Blob without worrying about another process changing it underneath you. When a Blob is leased, other processes can still read it, but any attempt to update it will fail. You can update Blobs without taking a lease first, but you do run the chance of another process also attempting to modify it at the same time.

* You can opt to use either optimistic or pessimistic concurrency models to manage access to blobs and containers in the blob service.

References:

<http://justazure.com/azure-blob-storage-part-8-blob-leases/>

<http://www.azurefromthetrenches.com/?p=1371>

NEW QUESTION 275

You are designing an Azure application that will use a worker role. The worker role will create temporary files.

You need to minimize storage transaction charges. Where should you create the files?

- A. In Azure local storage
- B. In Azure Storage page blobs
- C. On an Azure Drive
- D. In Azure Storage block blobs

Answer: A

Explanation: Local storage is temporary in Azure. So, if the virtual machine supporting your role dies and cannot recover, your local storage is lost! Therefore, Azure developers will tell you, only volatile data should ever be stored in local storage of Azure.

References:

<http://www.intertech.com/Blog/windows-azure-local-file-storage-how-to-guide-and-warnings/>

<http://blog.codingoutloud.com/2011/06/12/azure-faq-can-i-write-to-the-file-system-on-windows-azure/>

NEW QUESTION 277

You are designing a Windows Azure application. The application includes two web roles and three instances of a worker role. The web roles will send requests to the worker role through one or more Windows Azure Queues. You have the following requirements:

-Ensure that each request is processed exactly one time.

-Minimize the idle time of each worker role instance.

-Maximize the reliability of request processing.

You need to recommend a queue design for sending requests to the worker role. What should you recommend?

- A. Create a queue for each combination of web roles and worker role instance
- B. Send requests to all worker role instances based on the sending web role.
- C. Create a single queue
- D. Send all requests on the single queue.
- E. Create a queue for each worker role instance
- F. Send requests on each worker queue by using a round robin rotation.
- G. Create a queue for each web role
- H. Send requests on all queues at the same time.

Answer: B

Explanation: To communicate with the worker role, a web role instance places messages on to a queue. A worker role instance polls the queue for new messages, retrieves them, and processes them. There are a couple of important things to know about the way the queue service works in Azure. First, you reference a queue by name, and multiple role instances can share a single queue. Second, there is no concept of a typed message; you construct a message from either a string or a byte array. An individual message can be no more than 64 kilobytes (KB) in size.

References:

<https://msdn.microsoft.com/en-gb/library/ff803365.aspx>

<http://azure.microsoft.com/en-gb/documentation/articles/cloud-services-dotnet-multi-tier-app-using-service-bus->

NEW QUESTION 280

A company hosts a website and exposes web services on the company intranet. The intranet is secured by using a firewall. Company policies prohibit changes to firewall rules.

Devices outside the firewall must be able to access the web services. You need to recommend an approach to enable inbound communication. What should you recommend?

- A. The Azure Access Control Service
- B. Windows Azure Pack
- C. The Azure WCF Relay
- D. A web service in an Azure role that relays data to the internal web services

Answer: C

Explanation: The Service Bus Relay is designed for the use-case of taking existing Windows Communication Foundation (WCF) web services and making those services securely accessible to solutions that reside outside the corporate perimeter without requiring intrusive changes to the corporate network infrastructure. Such Service Bus relay services are still hosted inside their existing environment, but they delegate listening for incoming sessions and requests to the cloud-hosted Service Bus.

References:

<http://azure.microsoft.com/en-gb/documentation/articles/cloud-services-dotnet-hybrid-app-using-service-bus-rel>

NEW QUESTION 281

You are the administrator for a company named Contoso, Ltd.

Contoso also has an Azure subscription and uses many on-premises Active Directory products as roles in Windows Server including the following:

Contoso must use the directory management services available in Azure Active Directory.

You need to provide information to Contoso on the similarities and differences between Azure Active Directory and the Windows Server Active Directory family of services.

Which feature does Azure Active Directory and on-premises Active Directory both support?

- A. Using the GraphAPI to query the directory
- B. Issuing user certificates
- C. Supporting single sign-on (SSO)
- D. Querying the directory with LDAP

Answer: C

Explanation: AD FS supports Web single-sign-on (SSO) technologies, and so does Azure Active Directory.

If you want single sign on we usually suggest using ADFS if you're a Windows shop. Going forward though, Azure Active Directory is another alternative you can use.

References:

<https://samman.wordpress.com/2015/03/02/using-azure-active-directory-for-single-sign-on-with-yammer/>

NEW QUESTION 284

You administer the virtual environment for Contoso, Ltd. You configure and provision a new virtual machine (VM).

You need to add the existing VM to an existing availability set.

How should you complete the Azure PowerShell command? To answer, select the appropriate Azure PowerShell cmdlet from each list in the answer area.

Answer Area

▼ -ServiceName contosodc1 -Name contosodc 1 |

Get-AzureVM
New-AzureVM
Update-AzureVM

▼
Set-AzureAvailabilitySet
Set-AzureAffinityGroup
Update-AzureVMImage

-AvailabilitySetName contosodcs |

▼
Get-AzureVM
New-AzureVM
Update-AzureVM

Answer:

Explanation:

Answer Area

▼
Get-AzureVM
New-AzureVM
Update-AzureVM

-ServiceName contosodc1 -Name contosodc 1 |

▼
Set-AzureAvailabilitySet
Set-AzureAffinityGroup
Update-AzureVMImage

-AvailabilitySetName contosodcs |

▼
Get-AzureVM
New-AzureVM
Update-AzureVM

NEW QUESTION 287

You need to generate the report for the WGBLeaseLeader app. Which Azure service should you use?

- A. Azure Application Insights
- B. Azure Stream Analytics
- C. Azure Service Bus Queue
- D. Azure Scheduler

Answer: A

NEW QUESTION 292

You need to generate the report for the WGBLeaseLeader app. Which Azure service should you use?

- A. Azure Webjob
- B. Azure Data Lake Store
- C. Azure Service Bus Queue
- D. Azure Stream Analytics

Answer: A

NEW QUESTION 293

You are implementing the new security requirements for the WGBCreditCruncher app.

You need to explain the security process flow to another developer. You start by navigating to the web app as it is presented to the user.

Which five actions must be performed 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

OAuth creates an ID token and returns it to the application's HTTPS Reply URL.

Azure AD validates the Reply URL against the registered Reply URL that was configured in the Azure Portal.

The browser sends a GET to the AzureAD authorization endpoint to request an ID token to include the client ID and reply URL in the query parameters.

The user initiates a sign in to the app by clicking a sign in link.

The JavaScript client extracts the token from the response.

Azure AD creates an ID token and returns it to the application's HTTPS Reply URL.

The browser sends a POST to the Azure AD authorization endpoint to request a claim token to include the client ID and reply URL in the query parameters.

Answer Area



Answer:

Explanation: References:

<https://docs.microsoft.com/en-us/azure/active-directory/develop/active-directory-authentication-scenarios>

NEW QUESTION 295

You need to ensure that the repository runs the script when new software is released. Which technology should you use?

- A. Azure Function
- B. Azure App Service Logic App
- C. Azure App Service API App
- D. Azure Webjob

Answer: A

NEW QUESTION 296

You need to deploy the WGBLoanMaster app by using Azure PowerShell.

Which four Azure PowerShell cmdlets should you run in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Azure PowerShell cmdlets

Answer Area

Test-AzureRmResourceGroup-Deployment

Set-AzureRmCurrentStorage-Account

New-AzureRmStorageAccount

Add-AzureRmAccount

New-AzureRmResourceGroup-Deployment

New-AzureRmResourceGroup



Answer:

Explanation:

Azure PowerShell cmdlets

Answer Area

Test-AzureRmResourceGroup-Deployment

Set-AzureRmCurrentStorage-Account

New-AzureRmStorageAccount

Add-AzureRmAccount

New-AzureRmResourceGroup-Deployment

New-AzureRmResourceGroup



New-AzureRmResourceGroup

Add-AzureRmAccount

New-AzureRmResourceGroup-Deployment
Account

New-AzureRmStorageAccount

NEW QUESTION 299

.....

Thank You for Trying Our Product

* 100% Pass or Money Back

All our products come with a 90-day Money Back Guarantee.

* One year free update

You can enjoy free update one year. 24x7 online support.

* Trusted by Millions

We currently serve more than 30,000,000 customers.

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<https://www.certleader.com/70-535-dumps.html>