

Exam Questions AZ-302

Microsoft Azure Solutions Architect Certification Transition

<https://www.2passeasy.com/dumps/AZ-302/>



NEW QUESTION 1

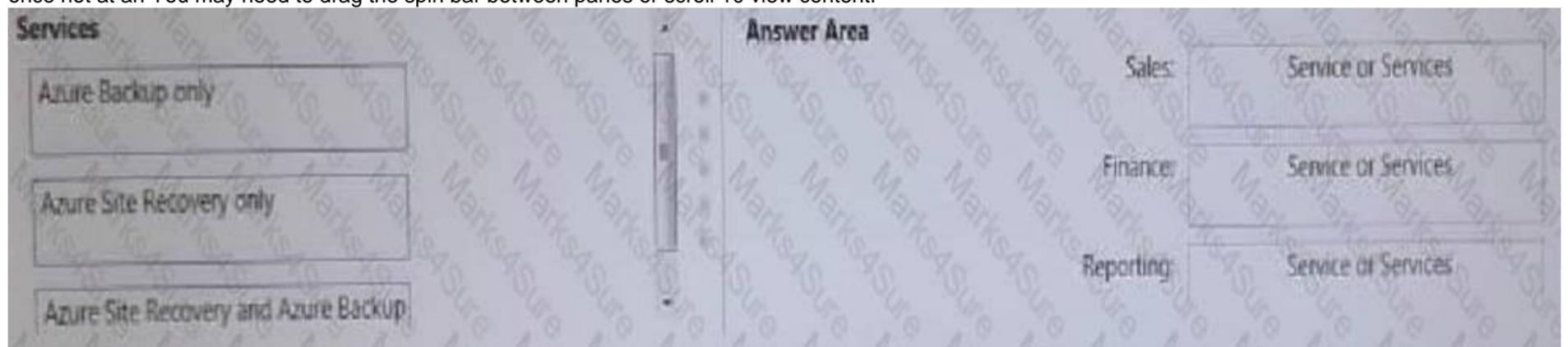
- (Exam Topic 1)

Your company identifies the following business continuity and disaster recovery objectives for virtual machines that host sales, finance, and reporting application in the company's on-premises data center.

- The finance application requires that data be retained for seven years. In the event of a disaster, the application must be able to run from Azure. The recovery in objective (RTO) is 10 minutes,
- The reporting application must be able to recover point in-time data at a daily granularity. The RTO is eight hours.
- The sales application must be able to fail over to second on-premises data center.

You need to recommend which Azure services meet the business continuity and disaster recovery objectives. The solution must minimize costs.

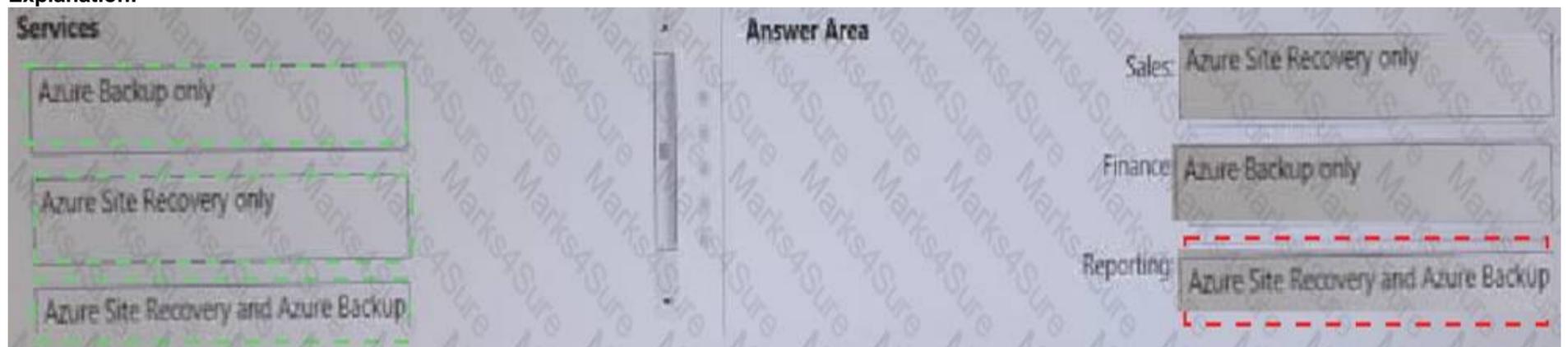
What should you recommend for each application? To answer, drag the appropriate services to the correct application. Each service may be used once. More than once not at an You may need to drag the spin bar between panes or scroll to view content.



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 2

- (Exam Topic 1)

The accounting department at your company migrates to new financial accounting software. The accounting department must keep file-based database backups for years for compliances purposes. It is unlikely that the backup will be used to recover data.

You need to move the backups to Azure. The solution must minimize costs. Where should store the backups?

- A. Azure SQL Database
- B. a Recovery Services vault
- C. Azure Blob storage that uses the archive tier
- D. Azure storage that uses the Cool tier

Answer: C

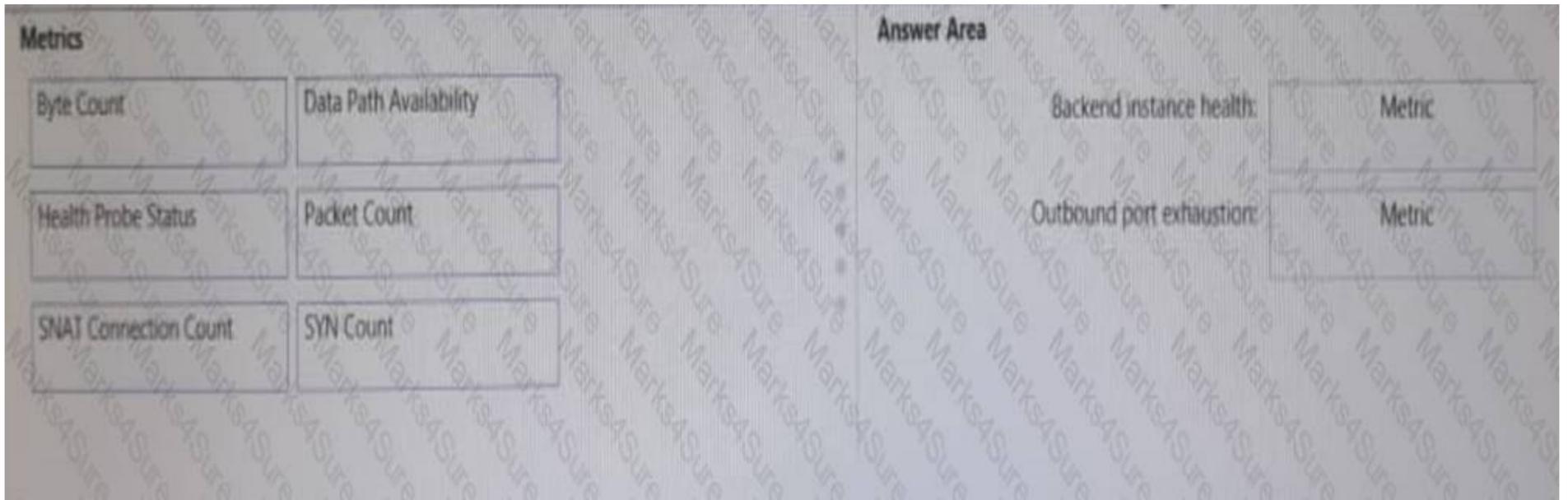
NEW QUESTION 3

- (Exam Topic 1)

You have standard Load balancer configured to support three virtual machines on the same subnet. You need to recommend a solution to notify administrators when the load balancer fails.

Which metrics should you recommend using to test the load balancer? To answer, drag the appropriate metrics to the correct conditions. Each metric 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.

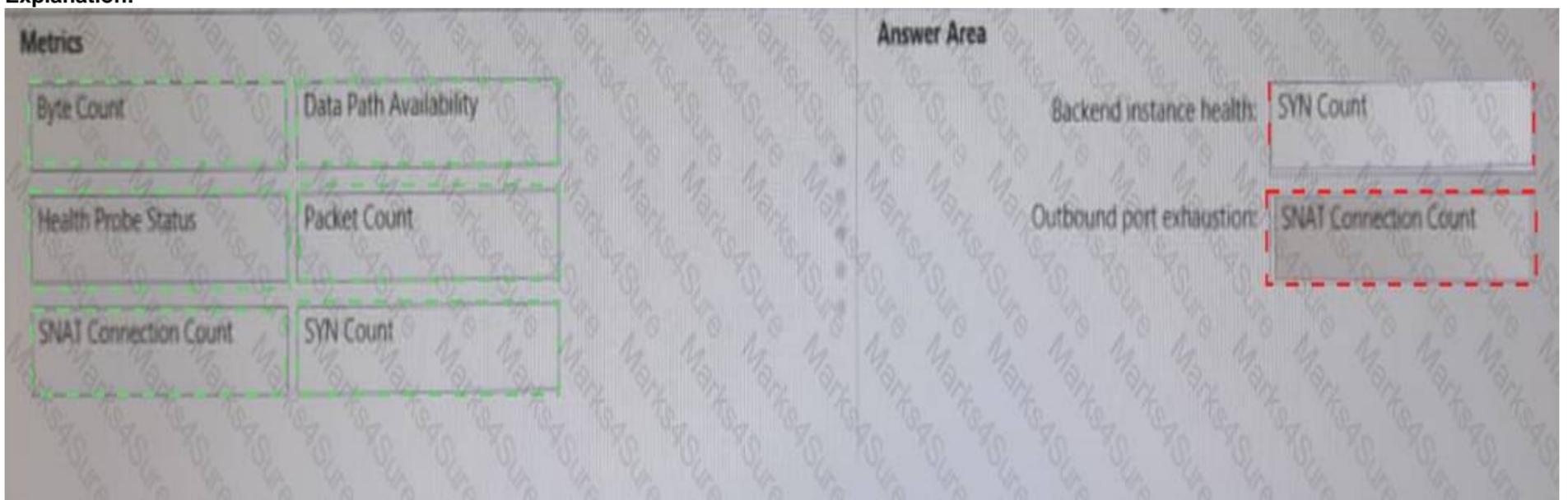
NOT: Each correct selection is worth one point.



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 4

- (Exam Topic 1)

You use Azure virtual machines to run a custom application that uses an Azure SQL database on the back end. The IT apartment at your company recently enabled forced tunneling, Since the configuration change, developers have noticed degraded performance when they access the database You need to recommend a solution to minimize latency when accessing the database. The solution must minimize costs What should you include in the recommendation? .

- A. Azure SQL Database Managed instance
- B. Azure virtual machines that run Microsoft SQL Server servers
- C. Always On availability groups
- D. virtual network service endpoint

Answer: D

NEW QUESTION 5

- (Exam Topic 1)

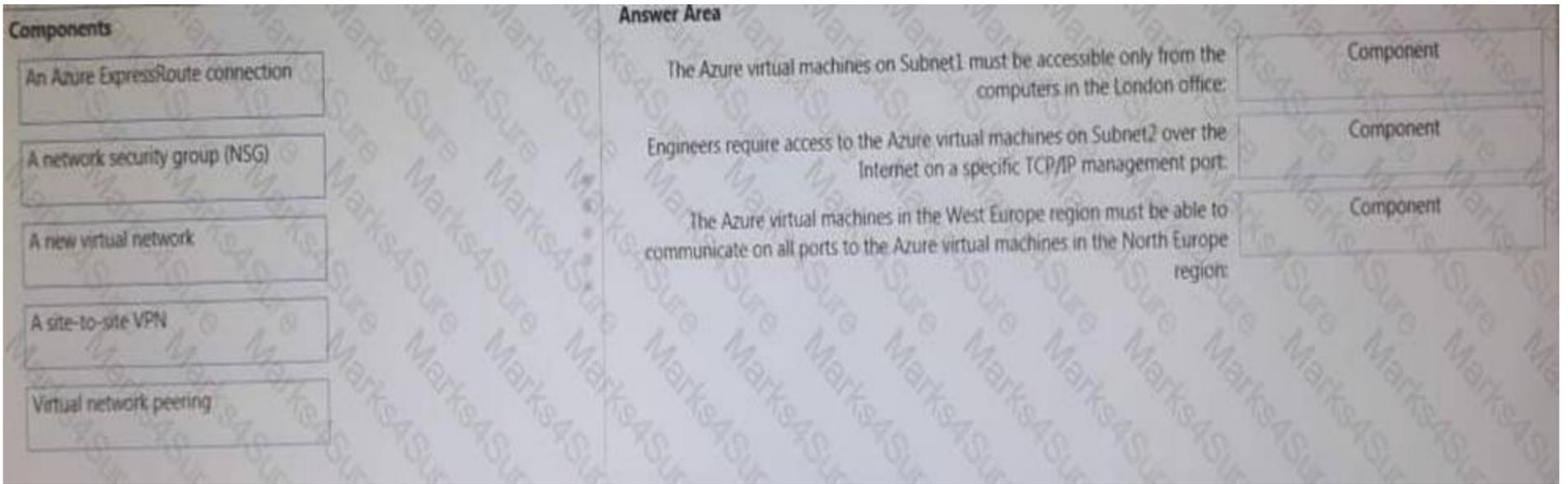
You are designing a network connectivity strategy for a new Azure subscription. You identify the following requirements

- * The Azure virtual machines on a subnet named Subnet must be accessible only from me computers in your London office.
- * Engineers -equ.re access to the Azure virtual machines on a subnet named Subnets over the Internet on a specific TCP/IP management port.
- * The Azure virtual machines in the West Europe Azure region must be able to communkate on all ports to the Azure virtual machine in the North Europe Azure region.

You need to recommend which components must be used to meet me requirement

What should you include m the recommendation? To answer, drag me appropriate components .a the correct requirement. Each component may be used once, more than once.

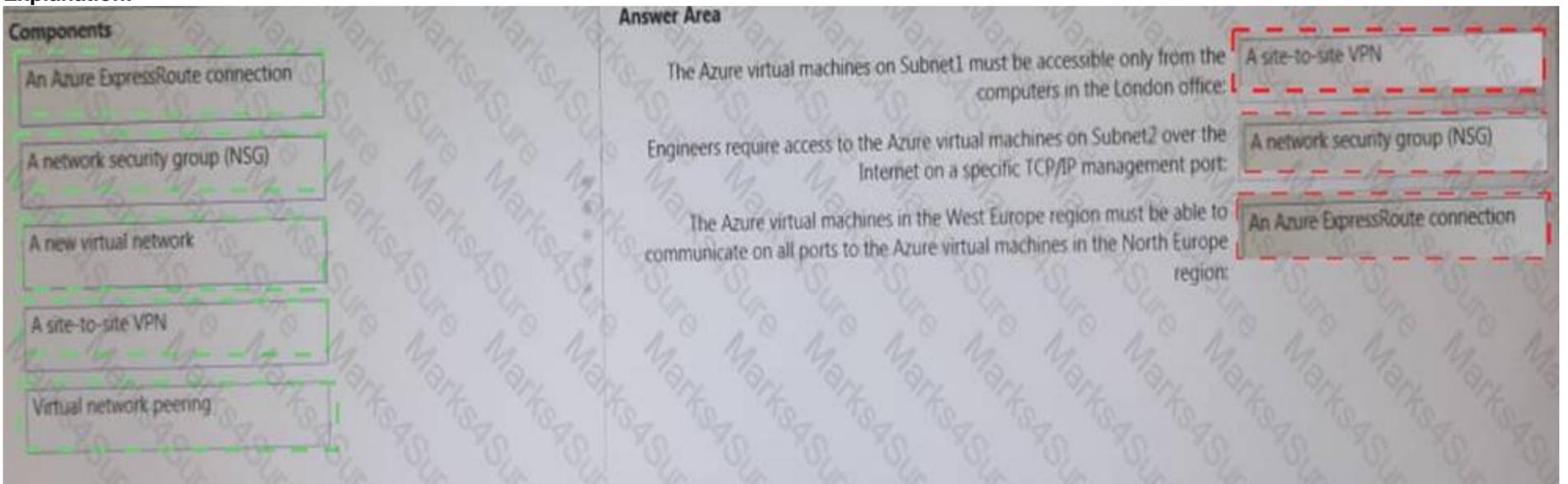
not at all You may need to drag the split bar between panes or scroll to view content NOTE: Each correct selection is worm one point



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 6

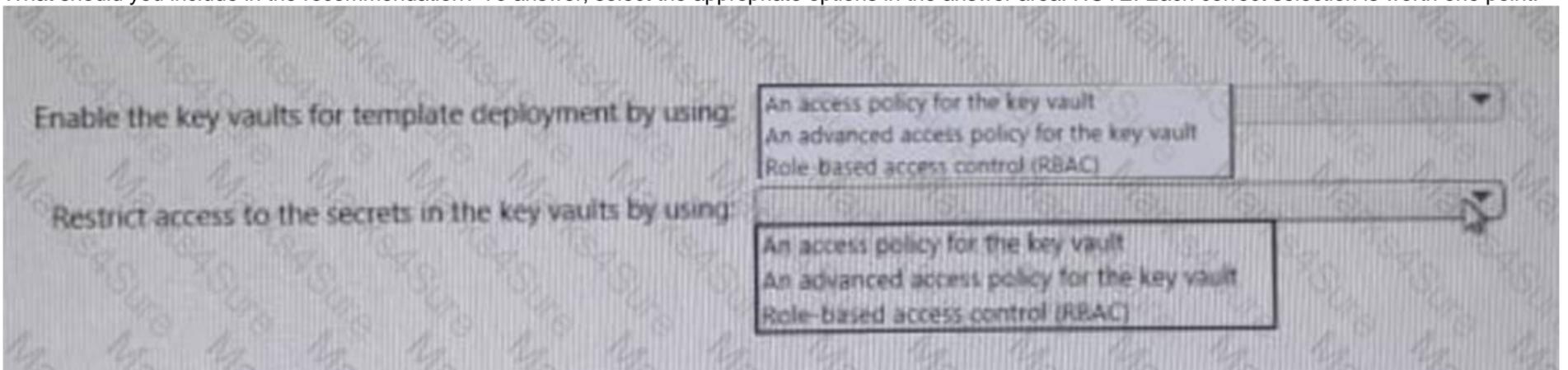
- (Exam Topic 1)

You deploy Azure service by using Azure Resources Manager templates. The template reference secrets are stored in Azure key Vault.

You need to recommend a solution for accessing the secrets during deployments. The solution must prevent

the users who are performing the deployments from accessing the secrets in the key vault directly.

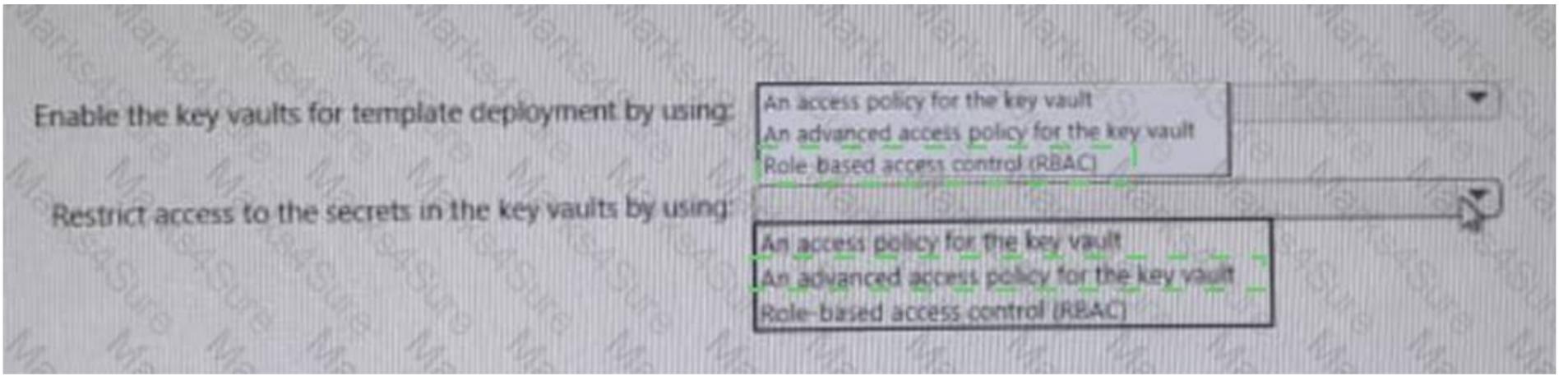
What should you include in the recommendation? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 7

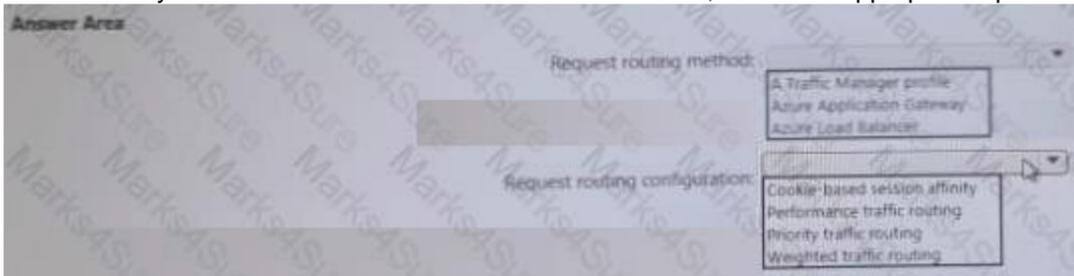
- (Exam Topic 1)

You are designing an Azure web app. You plan to deploy the web app to the Europe Azure region and the West Europe region.

You need to recommend a solution for the web app. The solution must the following requirements: Users must always access the web app form the North region, unless the region fails.

The web app must be available to users if an Azure region is unavailable. Deployment costs must be minimized.

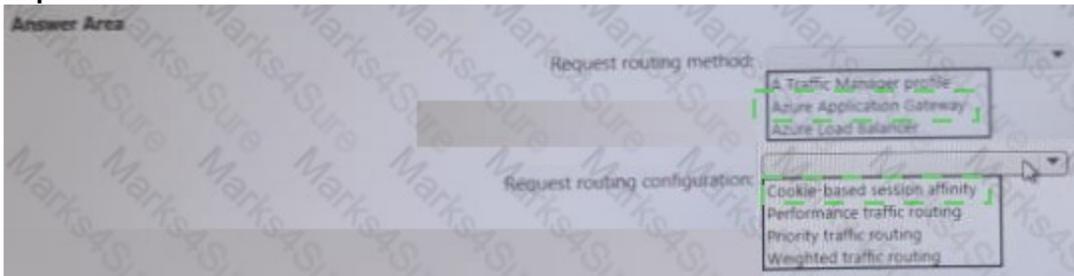
What should you include in the recommendation? To answer, select the appropriate options in the area. NOTE: Each correct selection is worth one point.



- A. Mastered
- B. Not Mastered

Answer: A

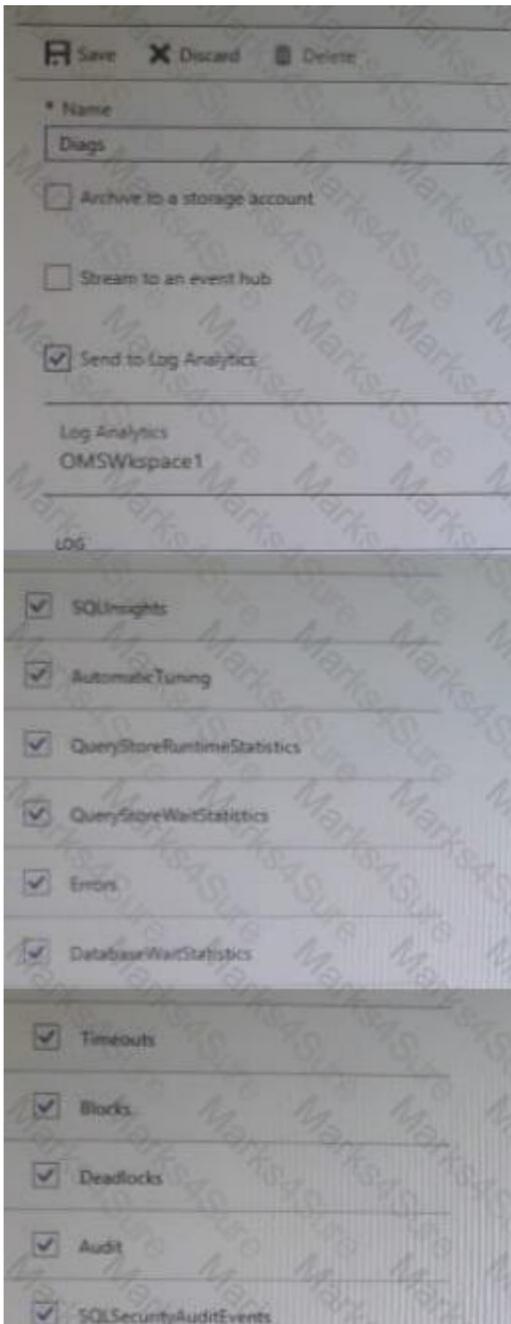
Explanation:



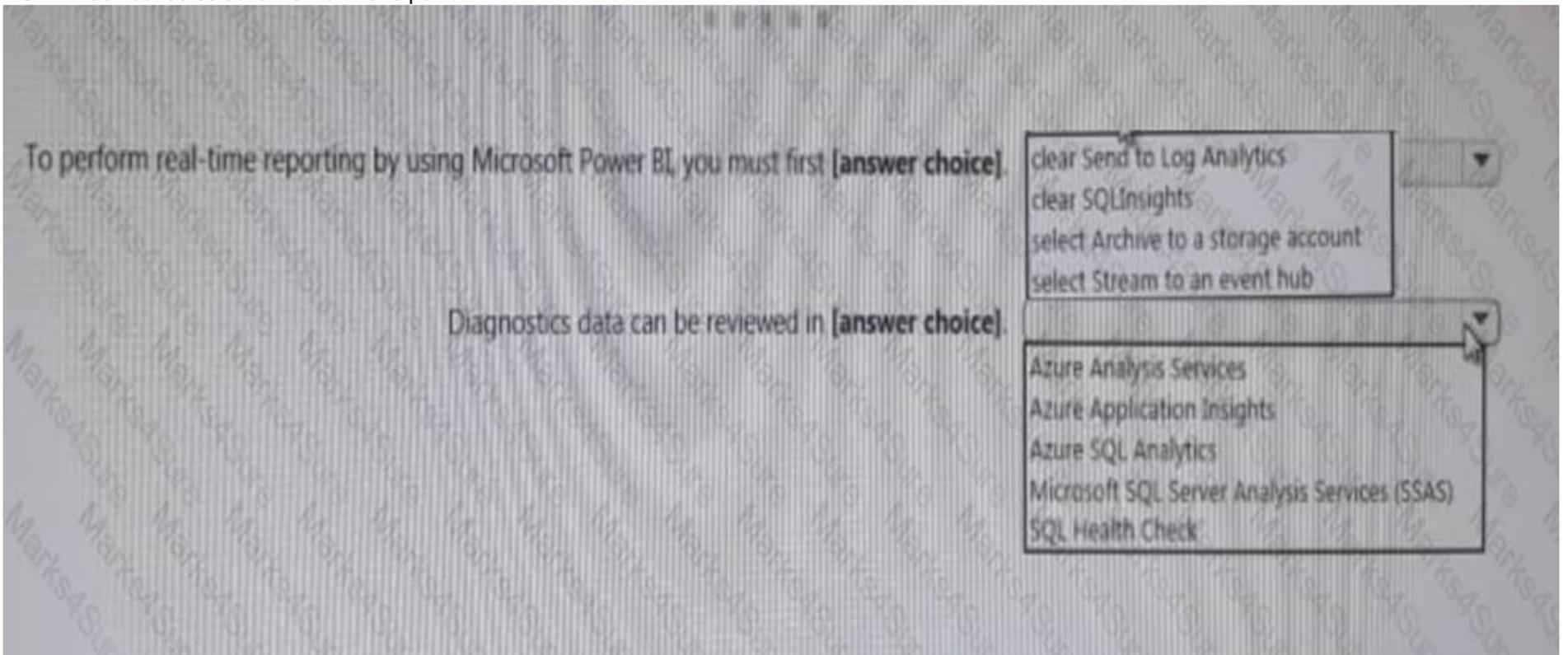
NEW QUESTION 8

- (Exam Topic 1)

You configure the Diagnostics settings for an Azure SQL database as shown in the following exhibit.



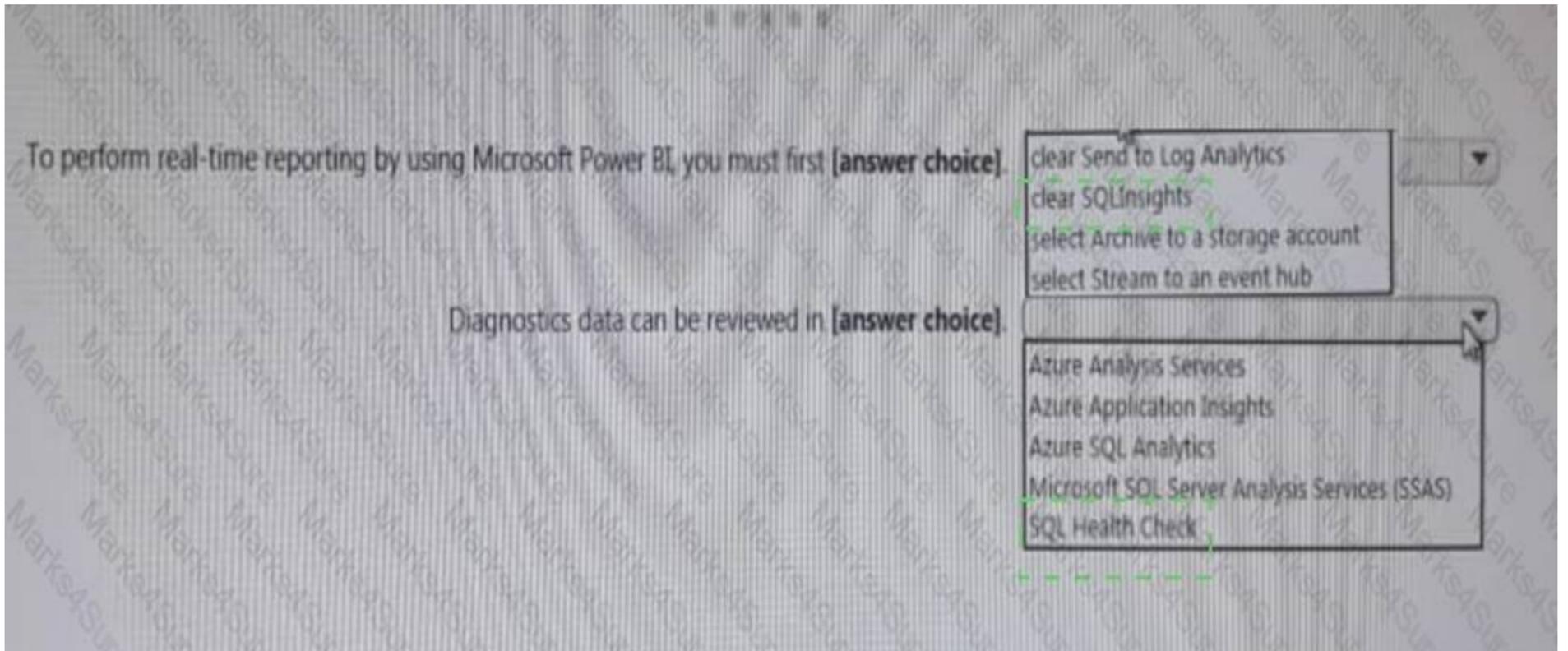
Use the drop-down menus to select the answer choice that completes each statement based on The information presented in the graphic.
 NOTE: Each coned selection is worth one point.



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 9

- (Exam Topic 1)

You store web access logs data in Azure Blob storage. You plan to generate monthly reports from the access logs.

You need to recommend an automated process to upload the data to Azure SQL Database every month. What should you include in the recommendation?

- A. Microsoft SQL Server Migration Assistant (SSMA)
- B. Azure Data Factory
- C. Data Migration Assistant
- D. AzCopy

Answer: C

NEW QUESTION 10

- (Exam Topic 1)

You have an Azure subscription that contains a custom application named Application1 was developed by an external company named fabric, Ltd. Developers at Fabrikam were assigned role-based access control (RBAC) permissions to the Application1 components. All users are licensed for the Microsoft 365 E5 plan. You need to recommend a solution to verify whether the Fabric developers still require permissions to Application1. The solution must meet the following requirements.

- * To the manager of the developers, send a monthly email message that lists the access permissions to Application1.
- * If the manager does not verify access permission, automatically revoke that permission.
- * Minimize development effort. What should you recommend?

- A. Create an Azure Automation runbook that runs the Get-AzureADUSAppRoleAssignment cmdlet.
- B. In Azure Active Directory (Azure AD) create an access review of Application1.
- C. In Azure Active Directory (AD) Privileged Identity Management, create a custom role assignment for the Application1 resources.
- D. Create an Azure Automation runbook that runs the get-AzureADRolesAssigned cmdlet.

Answer: A

NEW QUESTION 10

- (Exam Topic 1)

You have an Azure Cosmos DB account named Account1 that has one write region and four read regions. You need to recommend a solution to ensure that, by default, any reads containers in Account1 will never see out writes. The solution must minimize costs. What should you recommend?

- A. Configure Account1 to use the Strong consistency level.
- B. Create all the containers in Account1 as fixed.
- C. Create all the containers in Account1 as unlimited.
- D. Configure Account1 to use the Consistent Prefix consistency level

Answer: A

NEW QUESTION 13

- (Exam Topic 1)

You have an Azure Logic App named App1. App1 provides a response when an HTTP POST request or an HTTP GET request is received.

During peak periods, App1 is expected to receive up to 200,000 requests in a five minute period. You need to ensure that App1 can handle the expected load. What should you configure?

- A. Workflow settings
- B. API connections
- C. Access control (IAM)
- D. Access keys

Answer: D

NEW QUESTION 15

- (Exam Topic 1)

You need to deploy resources to host a stateless web app in an Azure subscription. The solution must meet the following requirements:

- Provide access to the full .NET framework.
- Provide redundancy if an Azure region fails.
- Grant administrators access to the operating system to install custom application dependencies. Solution: You deploy a web app in an Isolated App Service plan. Does this meet the goal?

- A. Yes
- B. No

Answer: A

NEW QUESTION 18

- (Exam Topic 1)

Your development team plans to use an Azure subscription to test new applications. The application will reside on Azure virtual machines. The developers will be responsible for managing the subscription shared resources will be used by more than one application.

You need to recommend a deployment solution that meets the following requirements: Minimize administration effort for the developers

Ensures that the testing environment can be recreated consistently

Ensures that the testing cycle is complete, all the resources, except for the shared resources associated to each application are deleted

What should you include in the recommendation?

- A. Use JSON templates to create the resource
- B. Place the shared resources in one resource group, the application-specific resources in separate resource group.
- C. Use JSON templates to create the resource
- D. Place the shared resources in one resource group- Place all the application resources in a second resource group
- E. Use an Azure PowerShell script to create the resource
- F. Place the shared resources and the application-specific resources in the resources group.
- G. Use an Azure PowerShell script to create the resource
- H. Place the shared resources in one resource group Place the application-specific resources in separate resources groups.

Answer: B

NEW QUESTION 19

- (Exam Topic 1)

You develop an IoT solution by using Node.js. The solution is ready to deploy to the production environment. You must implement the device twin capabilities of Azure IoT Hub. You must register a sensor named Sensor 1. The IoT Hub name is Hub01.

You need to register the endpoint with ContosoHub01 so that you can configure them from your solution. Which four commands should you use to develop the solution? To answer, move the appropriate commands from the list of commands to the answer area and arrange the correct order.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

The screenshot shows a drag-and-drop interface for selecting commands. On the left, under 'Commands', there are six items:

- az iot hub device-identity show-connection-string --hub-name {Hub01} --device-id Sensor00 --output table
- az extension add --name azure-cli-iot-ext
- az iot hub device-identity create --hub-name {Hub01} --device-id Sensor00
- az iot hub show-connection-string --name {Hub01} --output table
- npm install azure-iot-device azure-iot-device-mqtt --save
- az iot hub show-connection-string --name {Sensor00} --output table

On the right, under 'Answer area', four items are selected and highlighted in blue:

- az extension add --name azure-cli-iot-ext
- az iot hub device-identity create --hub-name {Hub01} --device-id Sensor00
- az iot hub show-connection-string --name {Sensor00} --output table
- az iot hub device-identity show-connection-string --hub-name {Hub01} --device-id Sensor00 --output table

NEW QUESTION 22

- (Exam Topic 1)

You have .NET web service named service1 that has the following requirements.

- Must read and write to the local file system.
- Must write to the Windows Application event log.

You need to recommend a solution to host Service1 in Azure .

The solution must meet the following requirements:

- Minimize maintenance overhead.
- Minimize costs.

What should you include in the recommendation?

- A. an Azure web app
- B. Azure function
- C. an App service Environment
- D. an Azure virtual machine scale set

Answer: B

NEW QUESTION 27

- (Exam Topic 1)

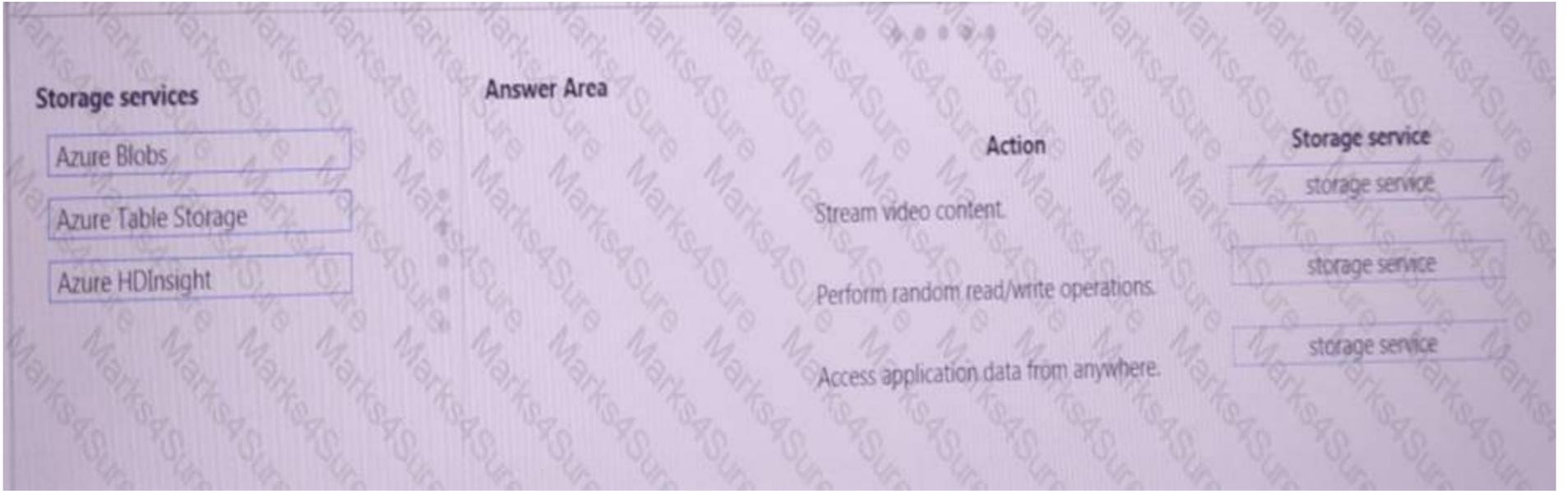
You are developing a web app that uses a REST interface to connect to Azure Storage with HTTPS.

This app uploads and streams video content that can be accessed home anywhere in the world.

You have different storage requirements for each part of the app. A hierarchical namespace must be created. Which storage services should you implement? To answer, drag the appropriate services to the correct actions.

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

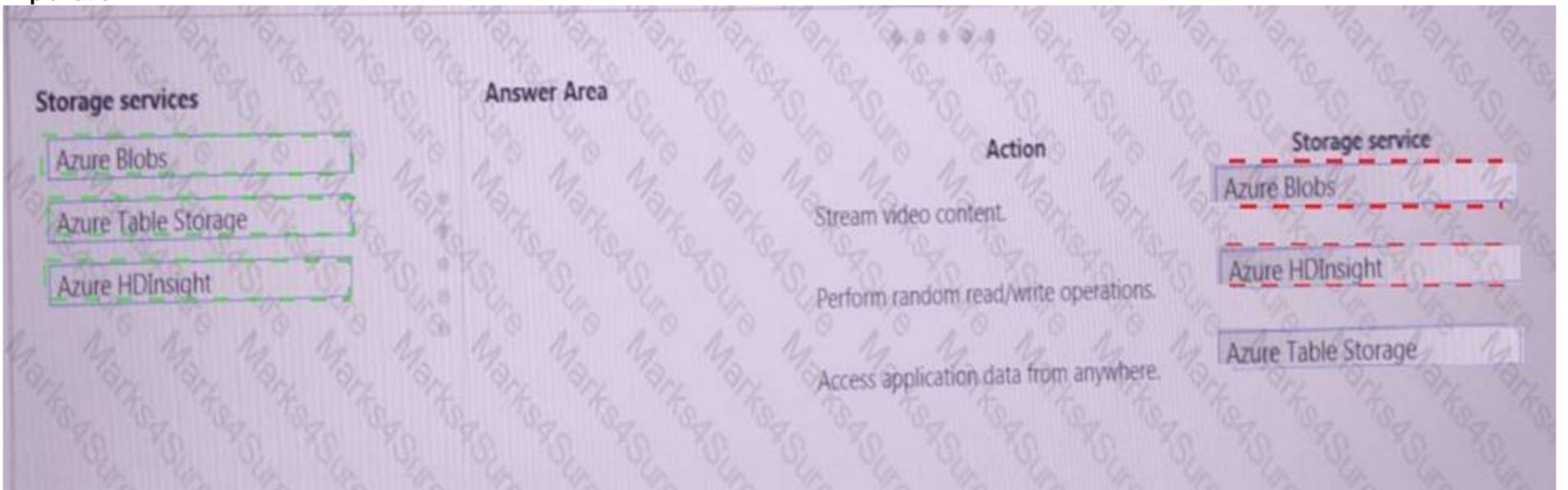
NOTE: Each correct selection is worth one point.



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 28

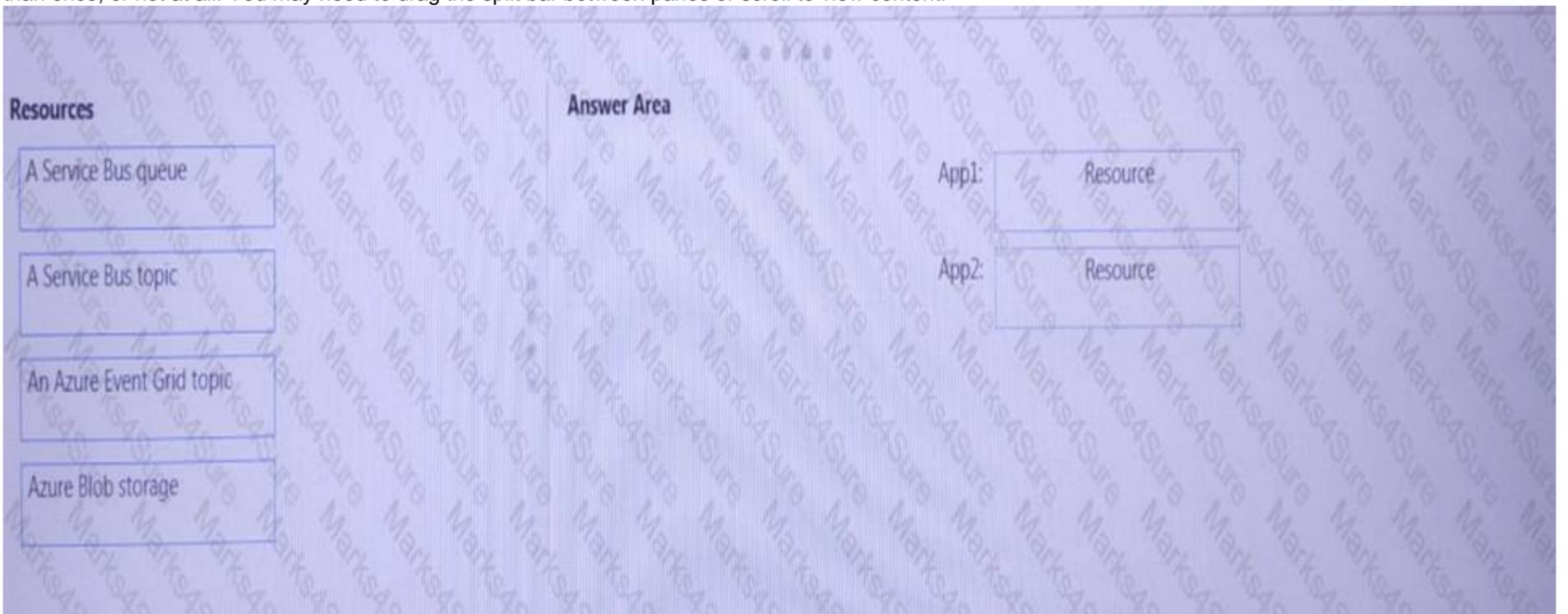
- (Exam Topic 1)

You have an Azure subscription that contains an Azure Service Bus named Bus1.

Your company plans to deploy two Azure web apps named App1 and App2. The web apps will create messages that have the following requirements:

- Each message created by App1 must be consumed by only a single consumer
- Each message created by App2 will be consumed by multiple consumers.

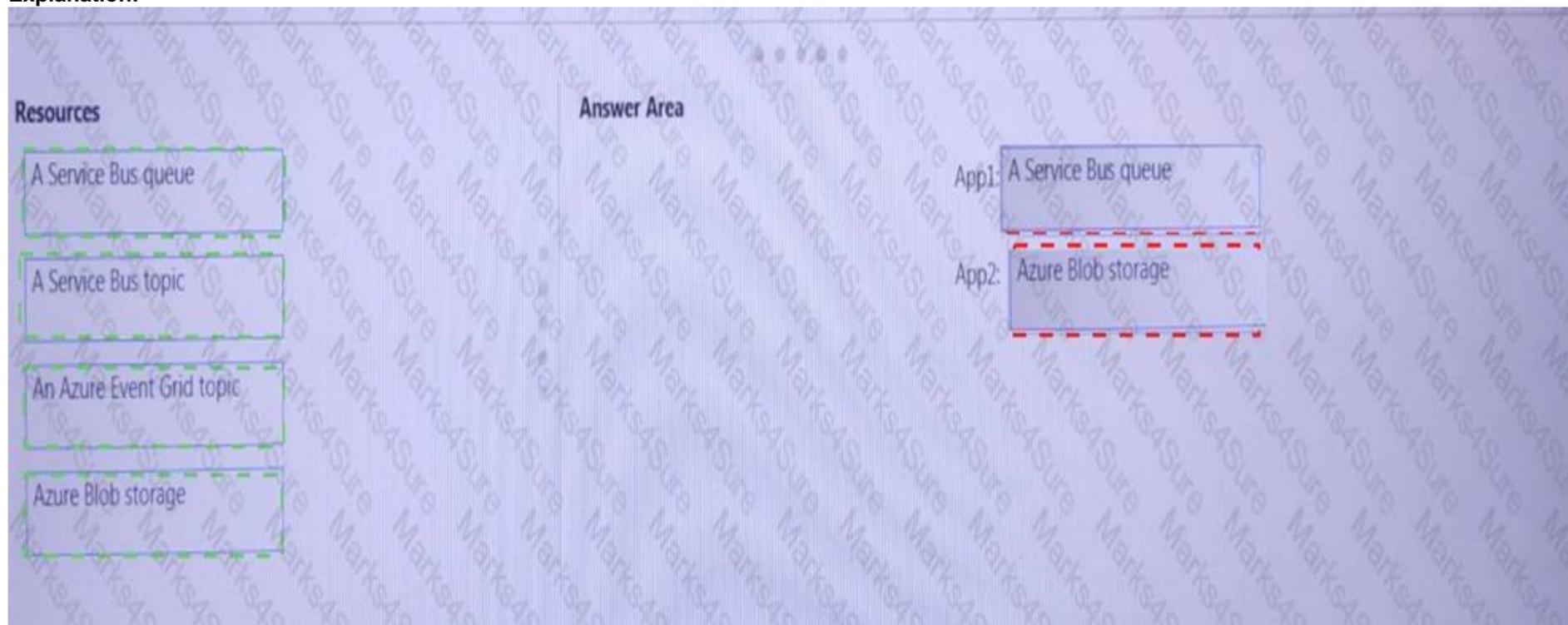
Which resource should you create for each web app? To answer, drag the appropriate resources to the correct web apps. Each resource may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 29

- (Exam Topic 1)

You are designing an Azure solution for a company that wants to move a .NET Core web application an on-premises data center to Azure. The web application relies on a Microsoft SQL Server 2016 database on Windows Server 2016. The database server will not move to Azure.

A separate networking team is responsible for configuring network permissions.

The company uses Azure ExpressRoute and has an ExpressRoute gateway connected to an Azure virtual network named VNET1.

You need to recommend a solution for deploying the web application.

Solution: Solution: Deploy the web application by using an Azure Kubernetes Service (AKS) container on VNET1

Does this meet the goal?

- A. Yes
- B. No

Answer: B

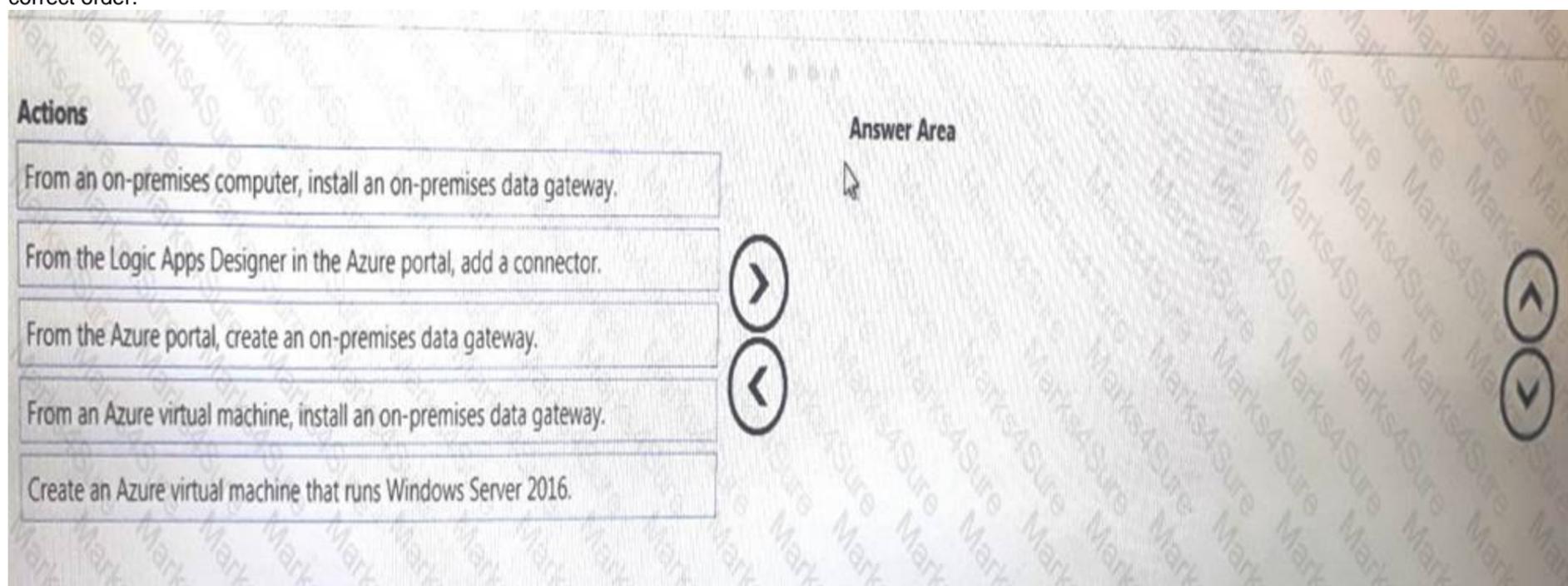
NEW QUESTION 32

- (Exam Topic 1)

You have an on-premises network that includes a Microsoft SQL Server instance named SQL1. You create an Azure Logic App named App1.

You need to ensure that App1 can query a database on SQL1.

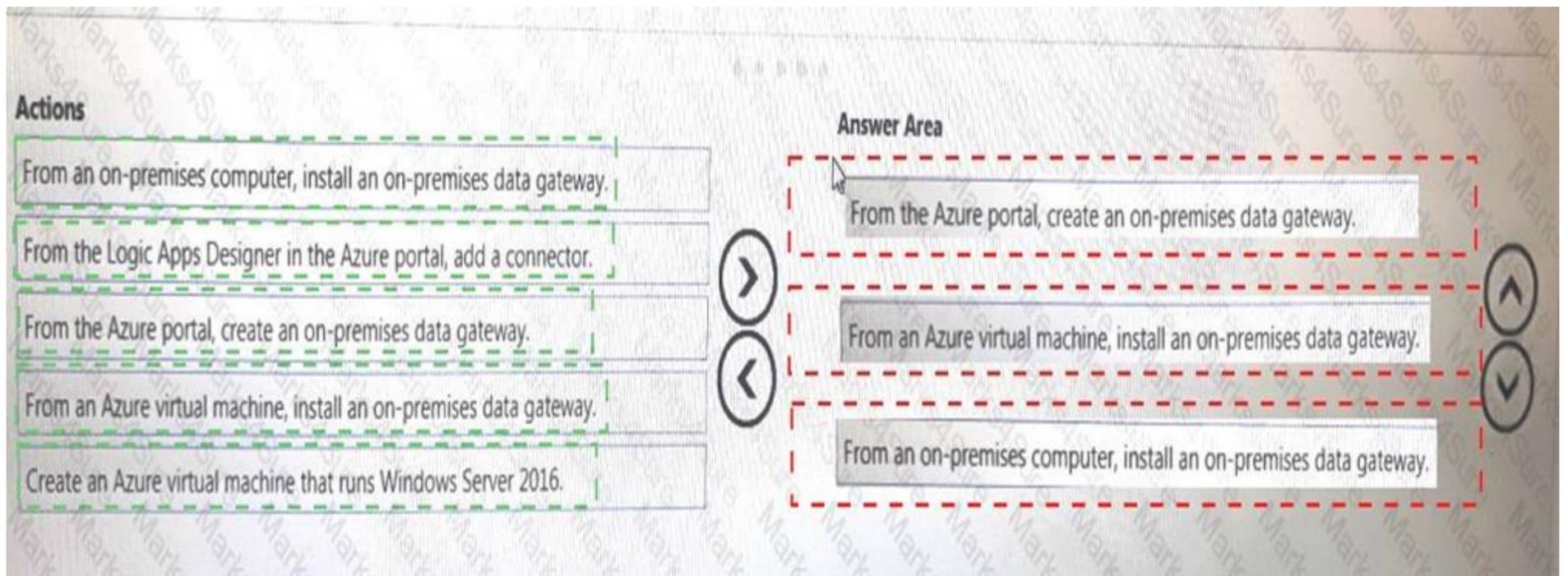
Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 35

- (Exam Topic 1)

You plan to use Azure Site Recovery to protect several on premises physical server workload. Each server workload is independent of the other. The workloads are stateless.

You need to recommend a failover strategy to ensure that if the on premises data center fails, the workloads are available in Azure as quickly as possible. Which failover strategy should you include in the recommendation?

- A. Latest app-consistent
- B. Latest
- C. Latest processed
- D. Latest multi VM processed

Answer: A

NEW QUESTION 38

- (Exam Topic 1)

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You need to deploy resources to host a stateless web app in an Azure subscription. The solution must meet the following requirements:

- Provide access to the full .NET framework.
- Provide redundancy if an Azure region fails.
- Grant administrators access to the operating system to install custom application dependencies. Solution: You deploy an Azure virtual machine to two Azure regions, and you create a Traffic Manager profile.

Does this meet the goal?

- A. Yes
- B. No

Answer: A

NEW QUESTION 42

- (Exam Topic 1)

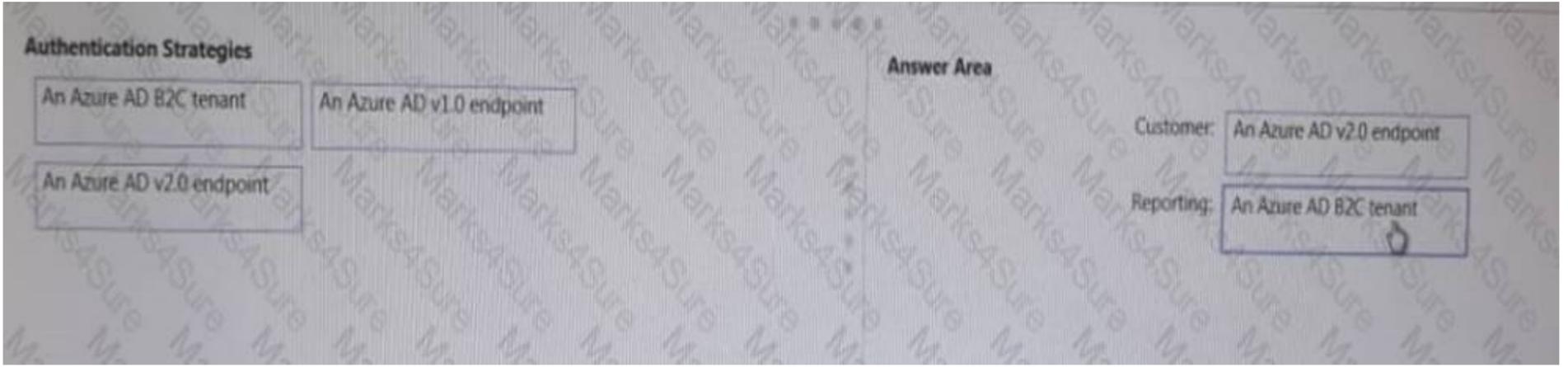
A company named Contoso, Ltd. has an Azure Active Directory (Azure AD) tenant that uses the Basic license.

You plan to deploy two applications to Azure. The application has the requirements shown in the following table.

Application name	Requirement
Customer	Users must authenticate by using a personal Microsoft account and multi-factor authentication.
Reporting	Users must authenticate by using either Contoso credentials or a personal Microsoft account. You must be able to manage the accounts from Azure AD.

Which authentication Strategy should you recommend for each application? To answer, drag the appropriate authentication strategies to the correct applications. Each authentication strategy may be used once more than once, or not at all. You may need to drag the split bar between panes or scroll to view content

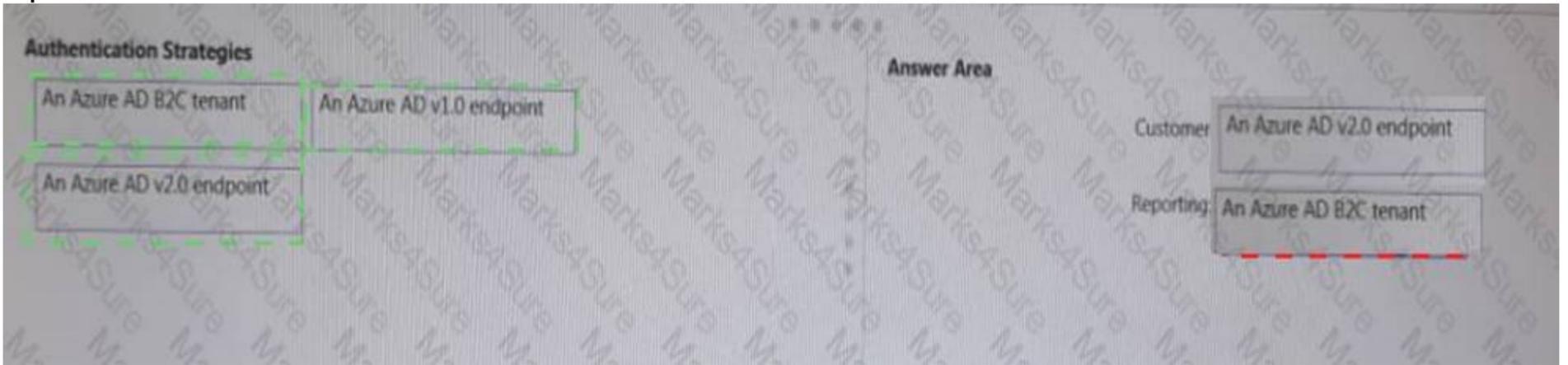
NOTE: Each correct selection is worth one point.



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 47

- (Exam Topic 1)

A company is migrating an existing on-premises third-party website to Azure. The website is stateless. The company does not have access to the source code for the website. They do have the original installer.

The number of visitors at the website varies throughout the year. The on-premises infrastructure was resized to accommodate peaks but the extra capacity was not used.

You need to implement a virtual machine scale set instance. What should you do?

- A. Use only default diagnostics metrics to trigger auto scaling.
- B. Create 100 auto scale settings per resource.
- C. Use an auto scale setting to define one or more profiles that have one or more auto scale rules.
- D. Scale out by one instance when the average CPU usage of one of the instances is over 80 percent.

Answer: A

NEW QUESTION 52

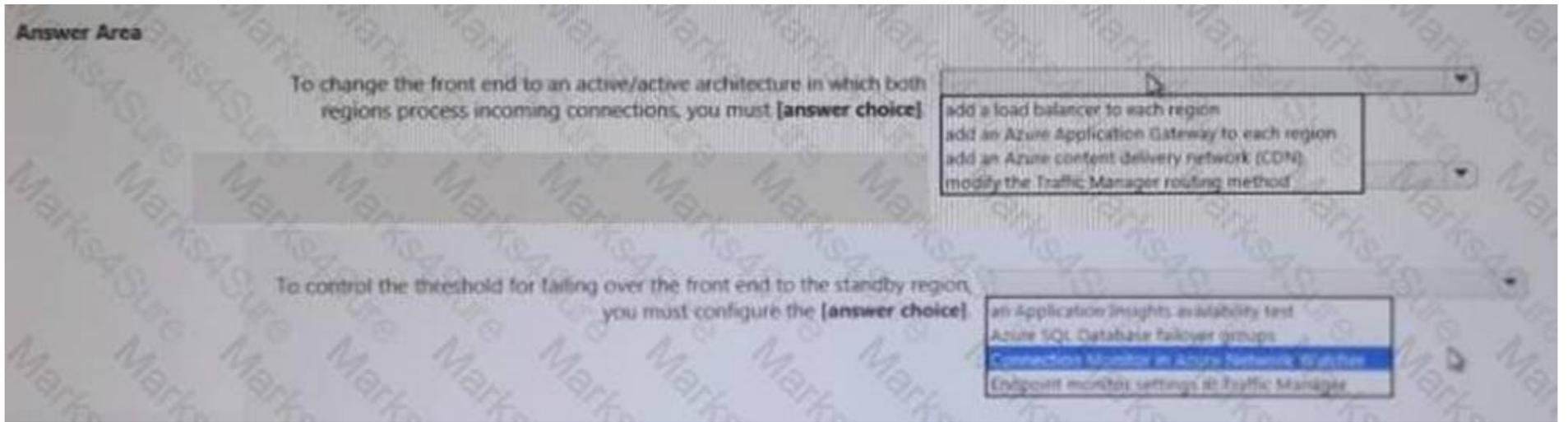
- (Exam Topic 1)

You have the application architecture shown in the following exhibit.



Use the drop-down to select the answer choice that completes each statement based on the information presented in the graphic.

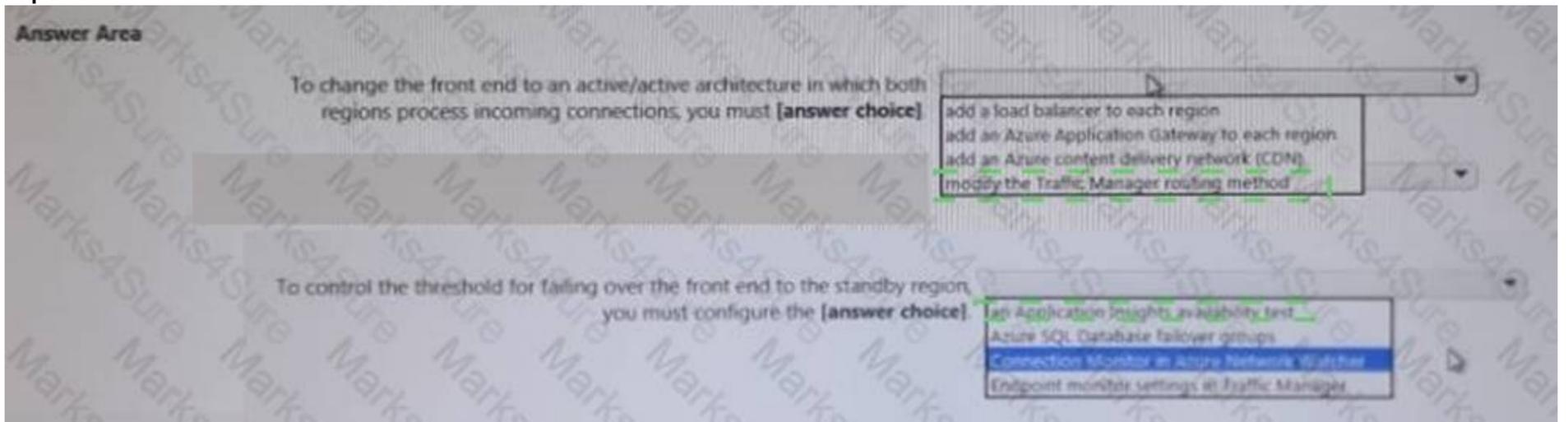
NOTE: Each correct selection is worth one point.



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 57

- (Exam Topic 1)

You are designing a container solution in azure that will include two containers. One container will host a web API that will be available to the public. The other container will perform health monitoring of the web API and will remain private. The two containers will be deployed together as a group.

You need to recommend a compute service for the containers. The solution must minimize costs and maintenance over head.

What should you include in the recommendation?

- A. Azure container instances
- B. Azure container Service
- C. Azure kubernetes service (aks)
- D. Azure service fabric

Answer: D

NEW QUESTION 59

- (Exam Topic 1)

You are planning to deploy an application by using the Azure Kubermets Services (AKS)> the application will reedy on having access to an encryption key that will be used to ... transmit files

What should you use to provides the encryption key AKS security?

- A. secrets
- B. Azure Storage Service Encryption
- C. a Kubernetes deployment YAML file
- D. ConfiguMap

Answer: C

NEW QUESTION 64

- (Exam Topic 1)

You have an Azure subscription for used for testing and development purposes only. The subscription contains Azure virtual machines that unmanaged, standard hard disk drives (HDD).

You need to recommend a recovery strategy for the virtual machines if an Azure region fails for a sustained period. The recovery time objective WTO) can be up to seven days. The solution must minimize costs.

What should you include in the recommendation?

- A. Store disks in a Standard_LRS storage accoun
- B. If a disaster occurs, manually create the virtual machines by using Azure Resource manager templates.
- C. Store disks in a Standard_LRS storage accoun
- D. Configure Azure Site Recover

- E. If a failure occurs, initiate a manual failover.
- F. Store disks in a Standard_GRS storage account
- G. Configure Azure Site Recovery
- H. If a failure occurs, initiate a manual failover.
- I. Store disks in a Standard_GRS storage account
- J. If a disaster occurs, manually create the virtual machines by using Azure Resource manager templates.

Answer: D

NEW QUESTION 66

- (Exam Topic 1)

You plan to deploy a payroll system to Azure. The payroll system will use Azure virtual machines that run SUSE Linux Enterprise Server and Windows. You need to recommend a business continuity solution for the payroll system. The solution must meet the following requirements:

- Minimize costs.
- Provide business continuity if an Azure region fails.
- Provide a recovery time objective (RTO) of 30 minutes.
- Provide a recovery point objective (RPO) of five minutes.

What should you include in the recommendation?

- A. Microsoft System Center Data Protection Manager (DPM)
- B. unmanaged disks that use geo-redundant storage (GRS)
- C. Azure Site Recovery
- D. Azure Backup

Answer: B

NEW QUESTION 69

- (Exam Topic 1)

A company is creating an IoT solution for connecting to smart refrigerators. You plan to use the Azure IoT Hub Device Provisioning Service for this process. You need to provision the devices automatically.

Which feature of Device Provisioning Service should you use?

- A. Delivery and retry
- B. Device enrollment
- C. Error policy
- D. Remote monitoring

Answer: C

NEW QUESTION 73

- (Exam Topic 1)

You have Azure virtual machines that run a custom line-business web application.

You plan to use a third-party solution to parse event logs from the virtual machine stored in an Azure storage account.

You need to recommend a solution to save the event logs from the virtual machine. What should you include in the recommendation?

- A. Azure VM Diagnostics Extension
- B. Azure Monitor
- C. Azure log Analytics
- D. event log subscriptions

Answer: D

NEW QUESTION 76

- (Exam Topic 1)

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result these questions will not appear in the review screen.

You need to deploy resources to host a stateless web app in an Azure subscription. The solution must meet the requirements:

- Provide access to the full .NET framework.
- Provide redundancy if an Azure region fails.
- Grant administrators access to the operating system to install custom application dependencies.

Solution: You deploy a virtual machine scale set that uses auto scaling. Does this meet the goal?

- A. Yes
- B. No

Answer: B

NEW QUESTION 79

- (Exam Topic 1)

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result these questions will not appear in the review screen.

You need to deploy resources to host a stateless web app in an Azure subscription. The solution must meet the following requirements:

- Provide access to the full .NET framework.

- Provide redundancy if an Azure region fails.
- Grant administrators access to the operating system to install custom application dependencies. Solution: You deploy a web app in an Isolated App Service plan. Does this meet the goal?

- A. Yes
- B. No

Answer: A

NEW QUESTION 84

- (Exam Topic 1)

You are designing an Azure solution for a company that wants to move a .NET Core web application an on-premises data center to Azure. The web application relies on a Microsoft SQL Server 2016 database on Windows Server 2016. The database server will not move to Azure.

A separate networking team is responsible for configuring network permissions.

The company uses Azure ExpressRoute and has an ExpressRoute gateway connected to an Azure virtual network named VNET1.

You need to recommend a solution for deploying the web application.

Solution: Deploy the web application to a web app hosted in an Isolated App Service plan on VNET1.

Does this meet the goal?

- A. Yes
- B. No

Answer: B

NEW QUESTION 85

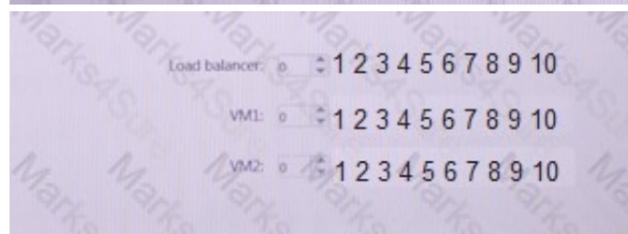
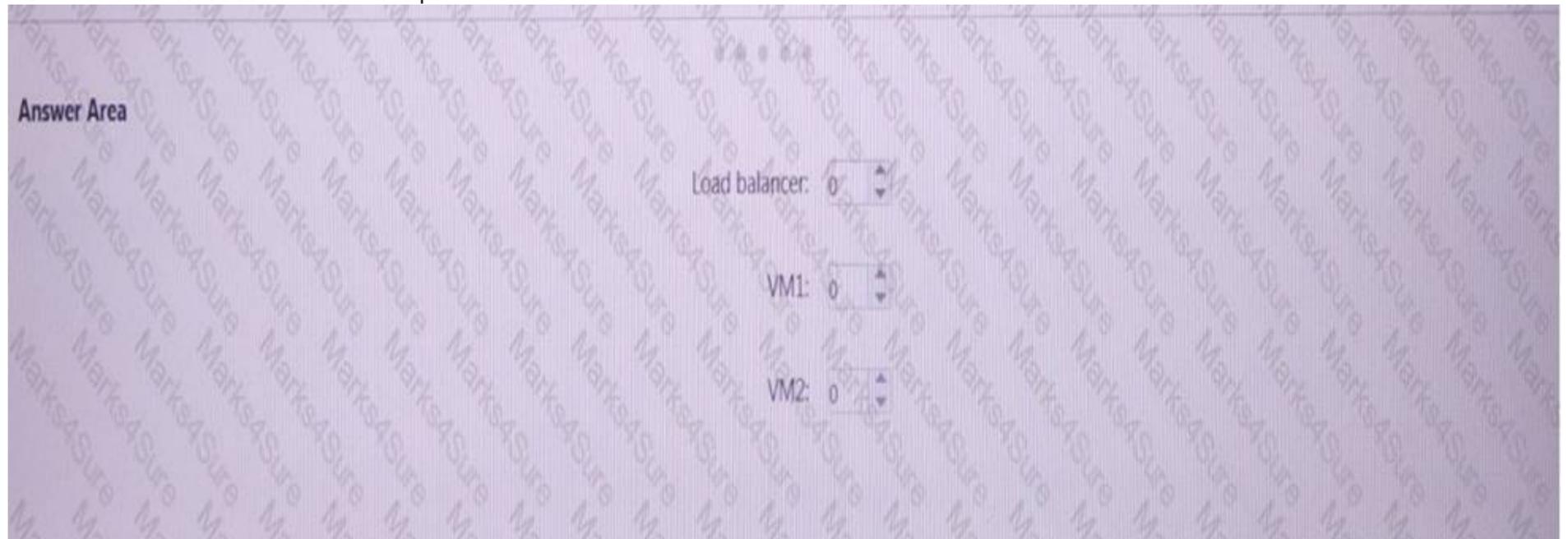
- (Exam Topic 1)

You are designing a solution for a stateless front-end application named Application1. Application1 will be hosted on two Azure virtual machines named VM1 and VM2.

You plan to load balance connections to VM1 and VM2 from the Internet by using one Azure load balancer. You need to recommend the minimum number of required public IP addresses.

How many public IP addresses should you recommend using for each resource? To answer, select the appropriate options in the answer area.

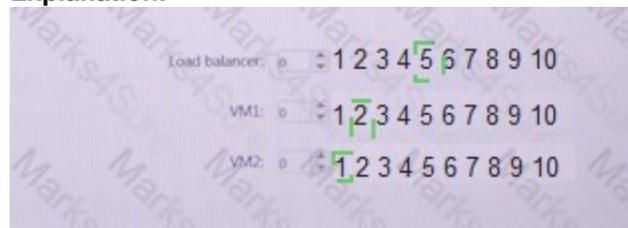
NOTE: Each correct selection is worth one point.



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:



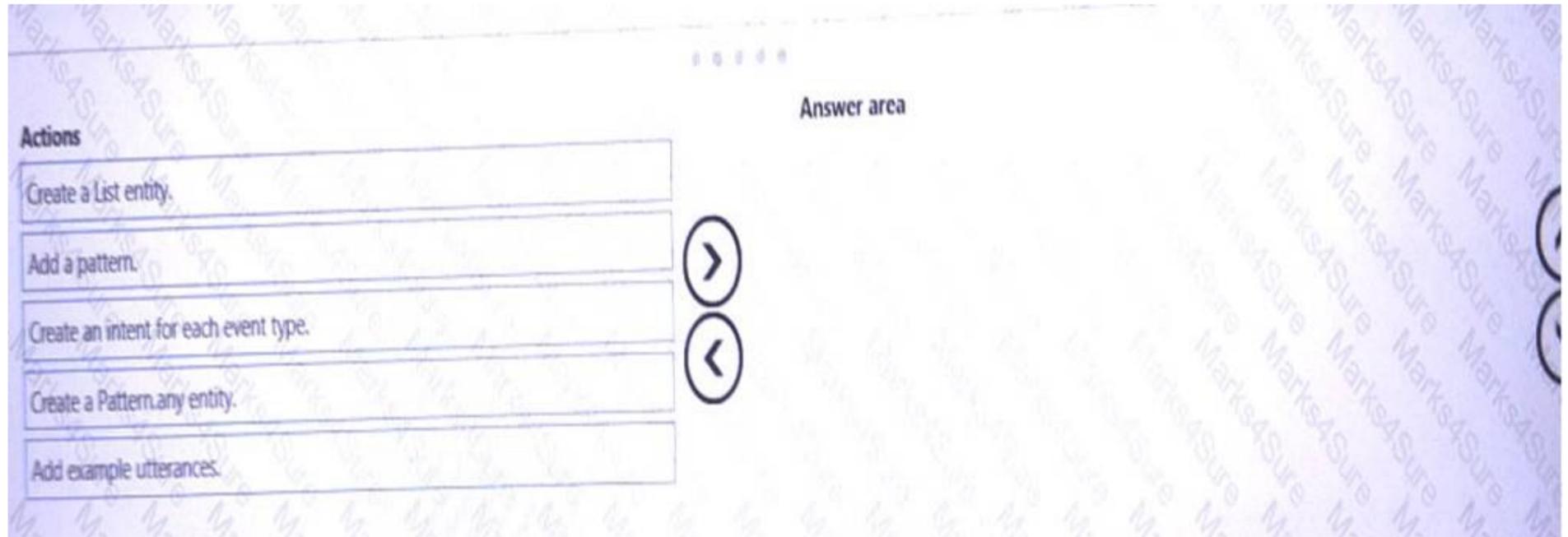
NEW QUESTION 87

- (Exam Topic 1)

You develop a bot by using Language Understanding Intelligence Service (LUIS) and the .NET Bot

framework. You use LUIS in the Azure portal to optimize the bot.

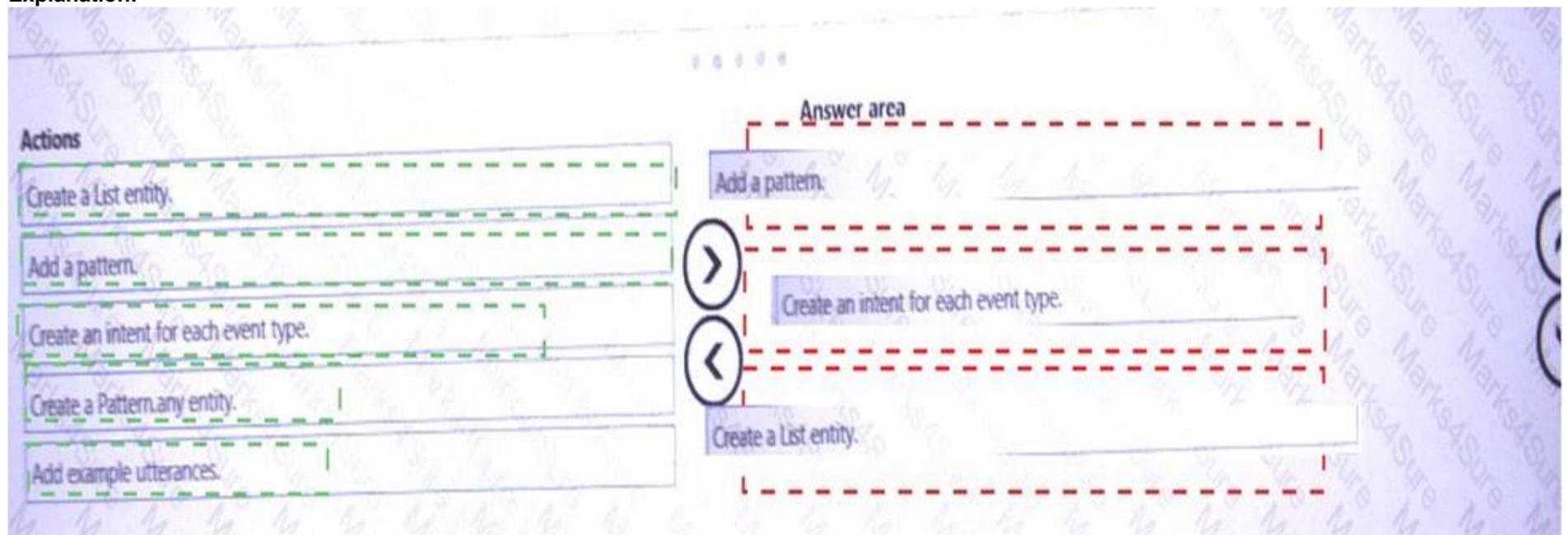
You review the utterances and determine that users are requesting time and venue information for events. You need to improve the prediction efficiency of the bot. Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct reel order.



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 89

- (Exam Topic 1)

You need to deploy resources to host a stateless web app in an Azure subscription. The solution must meet the following requirements:

- Provide access to the full .NET framework.
- Provide redundancy if an Azure region fails.
- Grant administrators access to the operating system to install custom application dependencies. Solution: You deploy a virtual machine scale set that uses autoscaling.

Does this meet the goal?

- A. Yes
- B. No

Answer: B

NEW QUESTION 92

- (Exam Topic 1)

Your network contains an on-premises Active Directory forest.

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

You plan to integrate Active Directory and Azure Active Directory (Azure AD) by using Azure AD Connect

You need to recommend a solution to ensure that group owners are emailed monthly m** the group membership they manage.

What should you include in the recommendation?

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

Answer: C

NEW QUESTION 96

- (Exam Topic 1)

Your company has an on premises Windows HPC cluster. The cluster runs an intrinsically parallel, compute intensive workload that performs financial risk modeling.

You plan to migrate the workload to Azure Batch.

You need to design a solution that will support the workload. The solution must meet the following requirements:

- Support the large-scale parallel execution of Azure Batch jobs.
- Minimize cost.

What should you include in the solution?

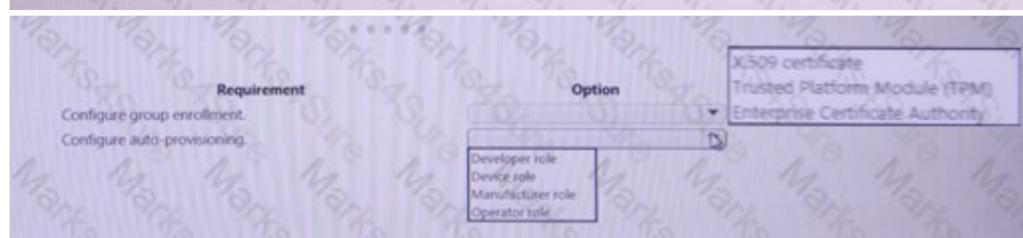
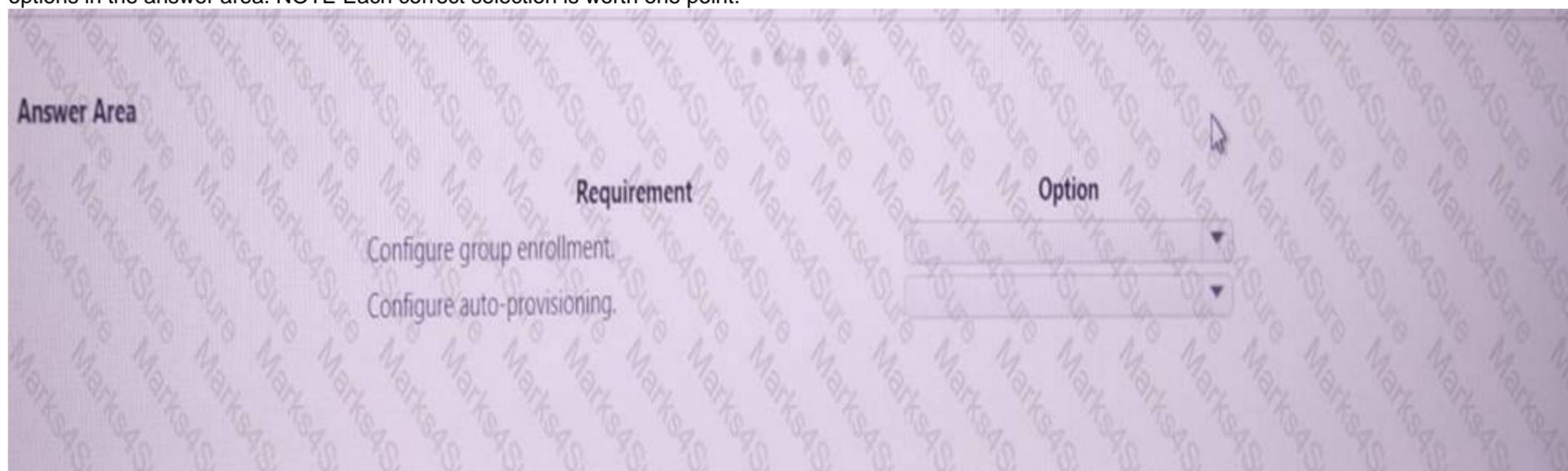
- A. low priority virtual machines
- B. burst able virtual machines
- C. Azure virtual machine sizes that support the Message Passing Interface (MPI) API
- D. Basic A-series virtual machines

Answer: A

NEW QUESTION 97

- (Exam Topic 1)

You are developing an Azure IoT Hub Device Provisioning Service as a helper service. You configure zero-touch device provisioning to an IoT Hub. All devices are exactly alike. You need to configure auto provisioning for millions of devices in a secure and scalable manner with group enrollment and roles. What should you use? To answer, select the appropriate options in the answer area. NOTE Each correct selection is worth one point.



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 98

- (Exam Topic 1)

A company has an app that records and processes videos. New videos are recorded daily. The videos are displayed on the day after they are recorded, the company runs several servers that process data and encode the videos the processing servers use FF mpeg and proprietary software to encode and convert the videos.

The company plans to migrate the app to tare Azure Batch must in- used to process videos. Each task must run a command and output the result to a file on a destination storage account.

You create and assign values to the following variables:

```
batchAccountUrl, batchAccountName, batchAccountKey, and poolId.
```

You are reviewing code to create tasks in Azure Batch. (Line numbers are included for reference only.)

```

01 public List<CloudTask> StartTasks(List<FileTask> fileTasks, string jobId, string outputContainerSasUrl)
02 (
03     BatchSharedKeyCredentials sharedKeyCredentials =
04     new BatchSharedKeyCredentials(batchAccountUrl, batchAccountName, batchAccountKey);
05     List<CloudTask> tasks = new List<CloudTask>();
06     using (BatchClient batchClient = BatchClient.Open(sharedKeyCredentials))
07     {
08         CloudJob job = batchClient.JobOperations.CreateJob();
09         job.Id = jobId;
10         job.PoolInformation = new PoolInformation { PoolId = poolId };
11         job.Commit();
12         fileTasks.ForEach((fileTask) =>
13         {
14             string taskId = $"Task{DateTime.Now.ToFileTimeUtc().ToString()}";
15             CloudTask task = new CloudTask(taskId, fileTask.Command);
16             List<OutputFile> outputFileList = new List<OutputFile>();
17             OutputFileBlobContainerDestination outputContainer = new OutputFileBlobContainerDestination(outputContainerSasUrl);
18             outputFileList.Add(new OutputFile(fileTask.Output,
19                 new OutputFileDestination(outputContainer), new OutputFileUploadOptions(OutputFileUploadCondition.TaskSuccess)));
20             task.OutputFiles = outputFileList;
21             tasks.Add(task);
22         });
23     }
24     return tasks;
25 }
26 public class FileTask
27 {
28     public string Command { get; set; }
29     public string Output { get; set; }
30 }

```

For each of the of the following statements, select Yes if the statement is true. Otherwise, select No. NOTE: Each correct selection is worth one point.

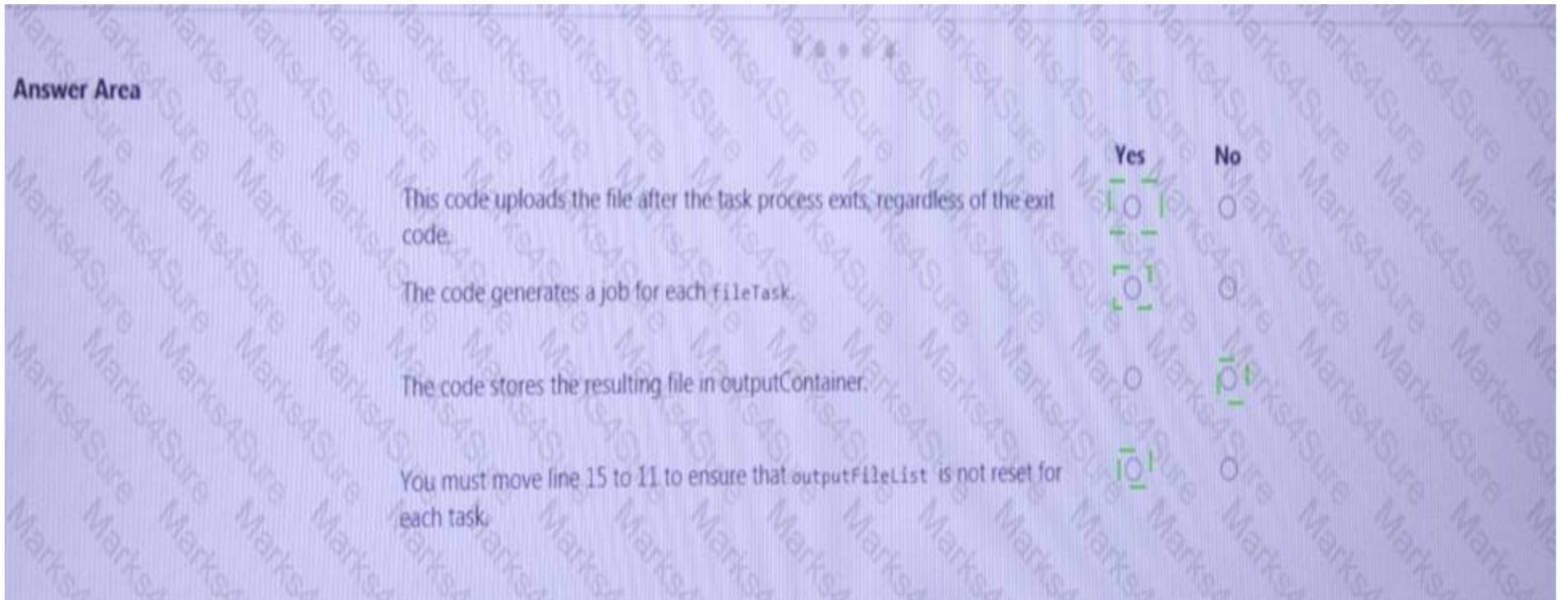
Answer Area

	Yes	No
This code uploads the file after the task process exits, regardless of the exit code.	<input type="radio"/>	<input type="radio"/>
The code generates a job for each fileTask.	<input type="radio"/>	<input type="radio"/>
The code stores the resulting file in outputContainer.	<input type="radio"/>	<input type="radio"/>
You must move line 15 to 11 to ensure that outputFileList is not reset for each task.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 100

- (Exam Topic 1)

You need to recommend a solution to generate a monthly report of all the new Azure Resource Manager resource deployment in your subscription. What should you include in the recommendation?

- A. Azure Activity Log
- B. Azure Monitor action groups
- C. Azure Advisor
- D. Azure Monitor metrics

Answer: B

NEW QUESTION 102

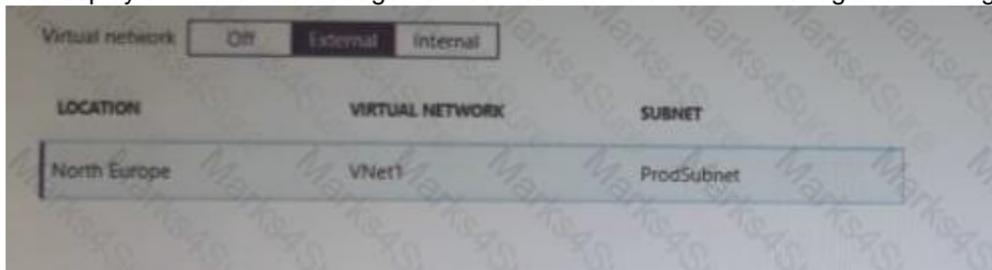
- (Exam Topic 1)

Your company develops a web service that is deployed to an Azure virtual machine named VM1. The web service allows an API to access real-time data from VM1. The current virtual machine deployment is shown in the Deployment exhibit. (Click the Deployment tab).



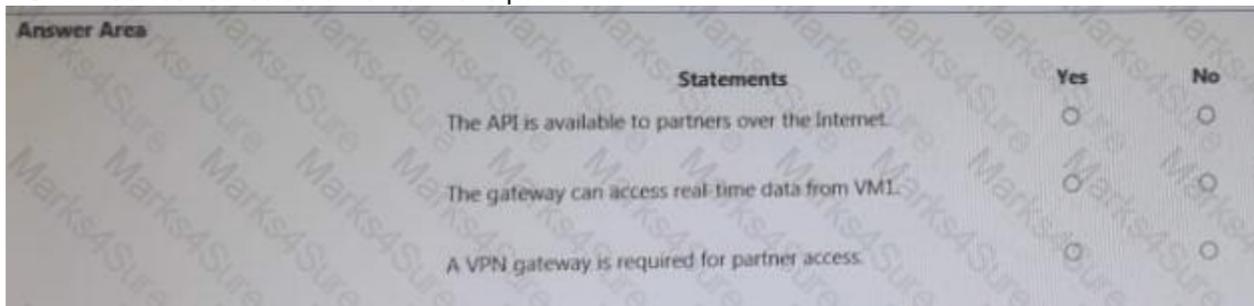
The chief technology officer (CTO) sends you the following email message: "Our developers have deployed the web service to a virtual machine named VM1. Testing has shown that the API is accessible from VM1 and VM2. Our partners must be able to connect to the API over the Internet. Partners will use this data in applications that they develop."

You deploy an Azure API Management service. The relevant API Management configuration is shown in the API exhibit. (Click the API tab).



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

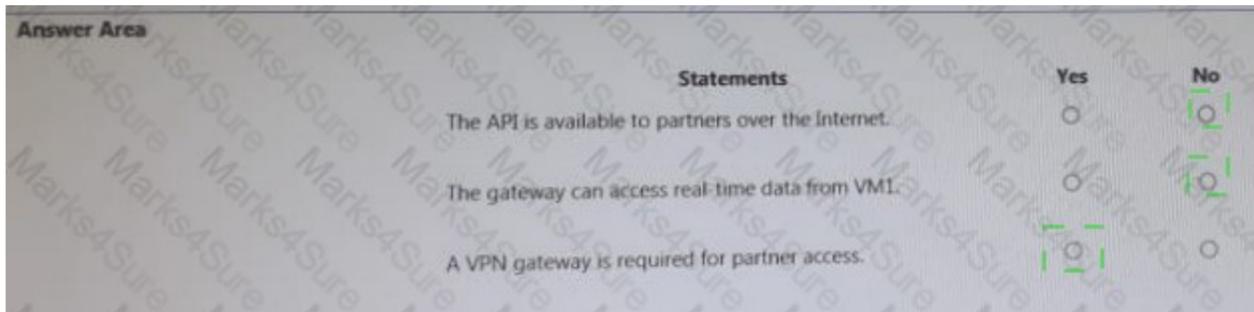
NOTE: Each correct selection is worth one point.



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:



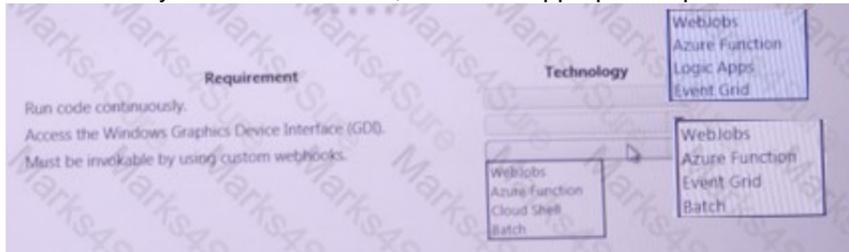
NEW QUESTION 103

- (Exam Topic 1)

You are designing a solution that will run tasks in Azure.

You need to select the technologies and services for the solution.

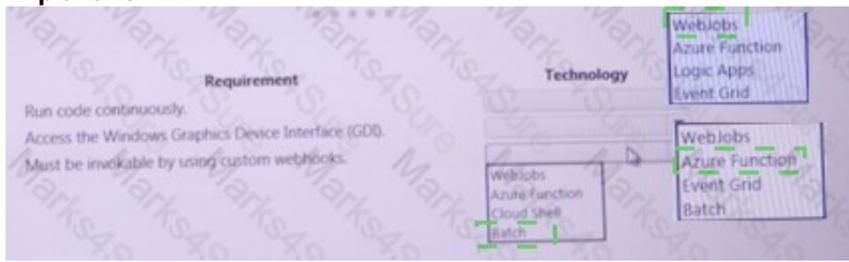
What should you use? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 108

- (Exam Topic 2)

You need to complete the order payment process.

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

NOTE: Each correct selection is worth one point.

- A. Intercept the message by using middlewar
- B. Send the message to a payment service.
- C. Acknowledge the callback by sending an HTTP response.
- D. Set the value of the Card Action object Type property toPostBack.
- E. Verify that the amount and currency values in the payment token folder are valid.

Answer: D

NEW QUESTION 110

- (Exam Topic 2)

Note: This question is part of a series of questions that present the same scenario.

Each question in the series contains a unique solution. Determine whether the solution meets the stated goals. You need to meet the vendor notification requirement.

Solution: Configure notifications in the Azure API Management instance Does the solution meet the goal?

- A. Yes
- B. NO

Answer: A

Explanation:

References:

<https://docs.microsoft.com/en-us/azure/api-management/api-management-howto-configure-notifications>

NEW QUESTION 112

- (Exam Topic 2)

Note: This question is part of a series of questions that present the same scenario.

Each question in the series contains a unique solution. Determine whether the solution meets the stated goals. You need to meet the vendor notification requirement.

Solution: Update the Delivery API to send emails by using a cloud-based email service. Does the solution meet the goal?

- A. Yes
- B. NO

Answer: B

Explanation:

References:
<https://docs.microsoft.com/en-us/azure/api-management/api-management-howto-configure-notifications>

NEW QUESTION 117

- (Exam Topic 2)
 You need to debug the user greeting issue. What should you use?

- A. Azure Application Insights
- B. Bot Framework Emulator
- C. Bot Framework Channel Inspector
- D. Bot Connector service
- E. Azure Compote Emulator

Answer: A

NEW QUESTION 121

- (Exam Topic 2)
 You need to meet the security requirements. What should you use?

- A. HTTP Strict Transport Security (HSTS)
- B. Direct Line API
- C. Multi-Factor Authentication (MFA)
- D. Bot Framework Portal
- E. Bot Framework authentication

Answer: E

NEW QUESTION 126

- (Exam Topic 2)
 Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution. Determine whether the solution meets the stated goals. You need to meet the vendor notification requirement.
 Solution: Update the Delivery API to send emails by using a Microsoft Office 365 SMTP server. Does the solution meet the goal?

- A. Yes
- B. NO

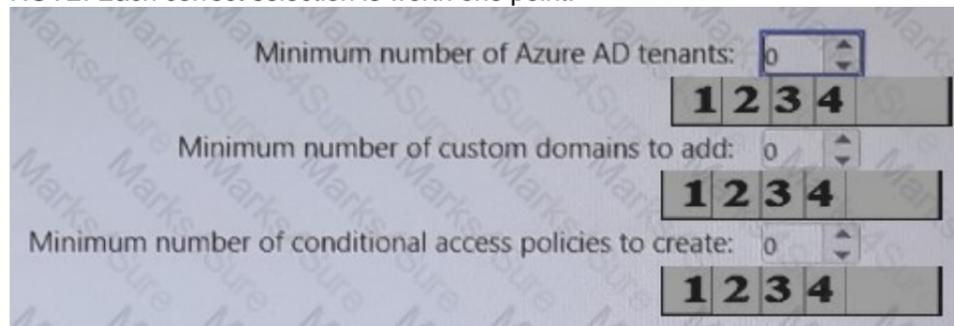
Answer: B

Explanation:

References:
<https://docs.microsoft.com/en-us/azure/api-management/api-management-howto-configure-notifications>

NEW QUESTION 128

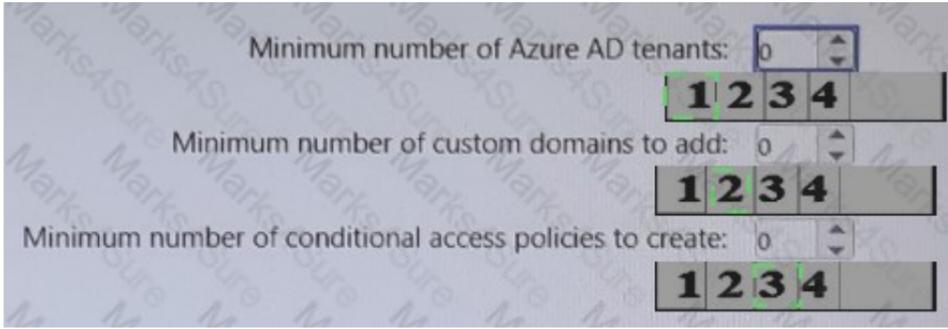
- (Exam Topic 3)
 To meet the authentication requirements of Fabrikam, what should you include in the solution? To answer, select the appropriate options in the answer area.
 NOTE: Each correct selection is worth one point.



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 129

- (Exam Topic 3)

You need to recommend a strategy for the web tier of WebApp1. The solution must minimize What should you recommend?

- A. Create a runbook that resizes virtual machines automatically to a smaller size outside of business hours.
- B. Configure the Scale Up settings for a web app.
- C. Deploy a virtual machine scale set that scales out on a 75 percent CPU threshold.
- D. Configure the Scale Out settings for a web app.

Answer: D

NEW QUESTION 130

- (Exam Topic 3)

You design a solution for the web tier of WebApp1 as shown in the exhibit.



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

Statements	Yes	No
The design supports the technical requirements for redundancy.	<input type="radio"/>	<input type="radio"/>
The design supports autoscaling.	<input type="radio"/>	<input type="radio"/>
The design requires a manual configuration if an Azure region fails.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Statements	Yes	No
The design supports the technical requirements for redundancy.	<input checked="" type="radio"/>	<input type="radio"/>
The design supports autoscaling.	<input type="radio"/>	<input checked="" type="radio"/>
The design requires a manual configuration if an Azure region fails.	<input checked="" type="radio"/>	<input type="radio"/>

NEW QUESTION 131

- (Exam Topic 3)

You need to recommend a strategy for migrating the database content of WebApp1 to Azure. What should you include in the recommendation?

- A. Use Azure Site Recovery to replicate the SQL servers to Azure.
- B. Use SQLServer transactional replication.
- C. Copy the BACPAC file that contains the Azure SQL database file to Azure Blob storage.
- D. Copy the VHD that contains the Azure SQL database files to Azure Blob storage

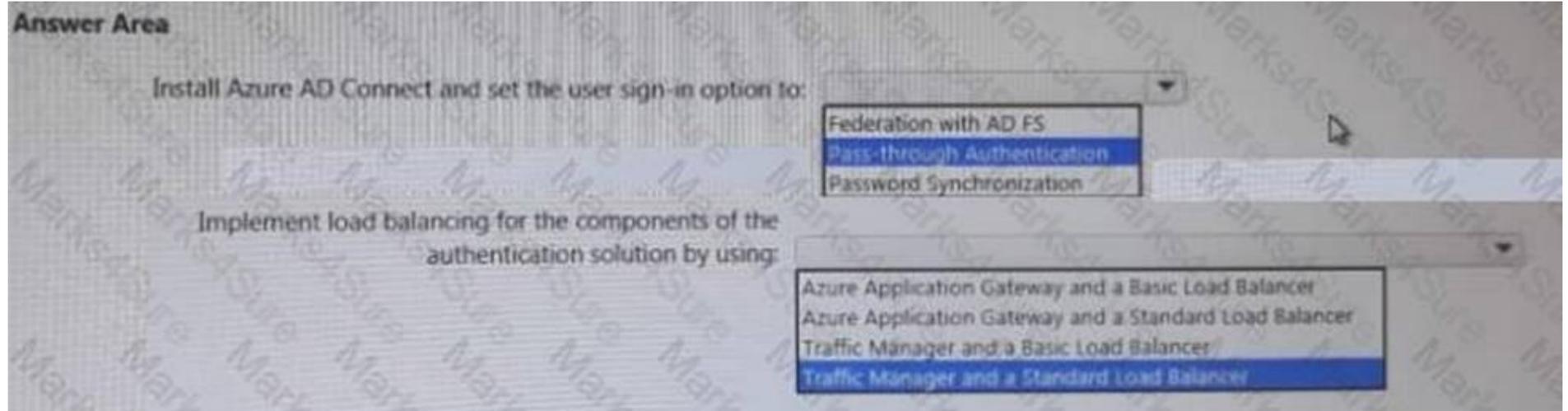
Answer: C

NEW QUESTION 134

- (Exam Topic 4)

You need to recommend a solution for the user at Contoso to authenticate to the cloud-based sconces and the Azure AD-integrated application. What should you include in the recommendation? To answer, select the appropriate options in the answer area.

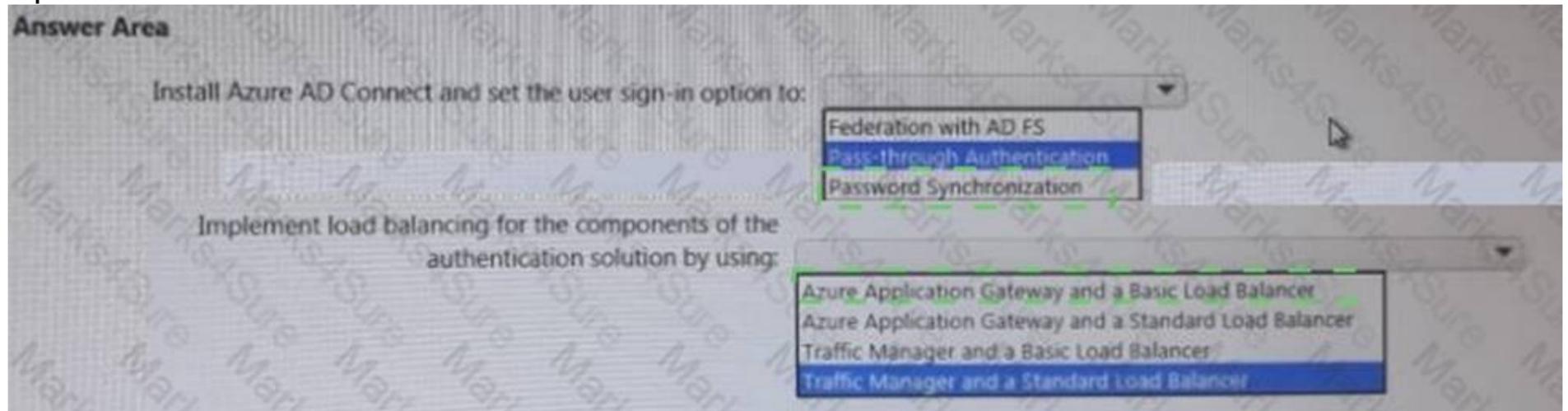
NOTE: Each correct selection is worth one point



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 139

- (Exam Topic 4)

You need to recommend a solution for protecting the content of the back-end tier of the payment processing system. What should you include in the recommendations?

- A. Always Encrypted with deterministic encryption
- B. Transparent Date Encryption (TDE)
- C. Azure Storage Service Encryption
- D. Always Encrypted with randomized encryption

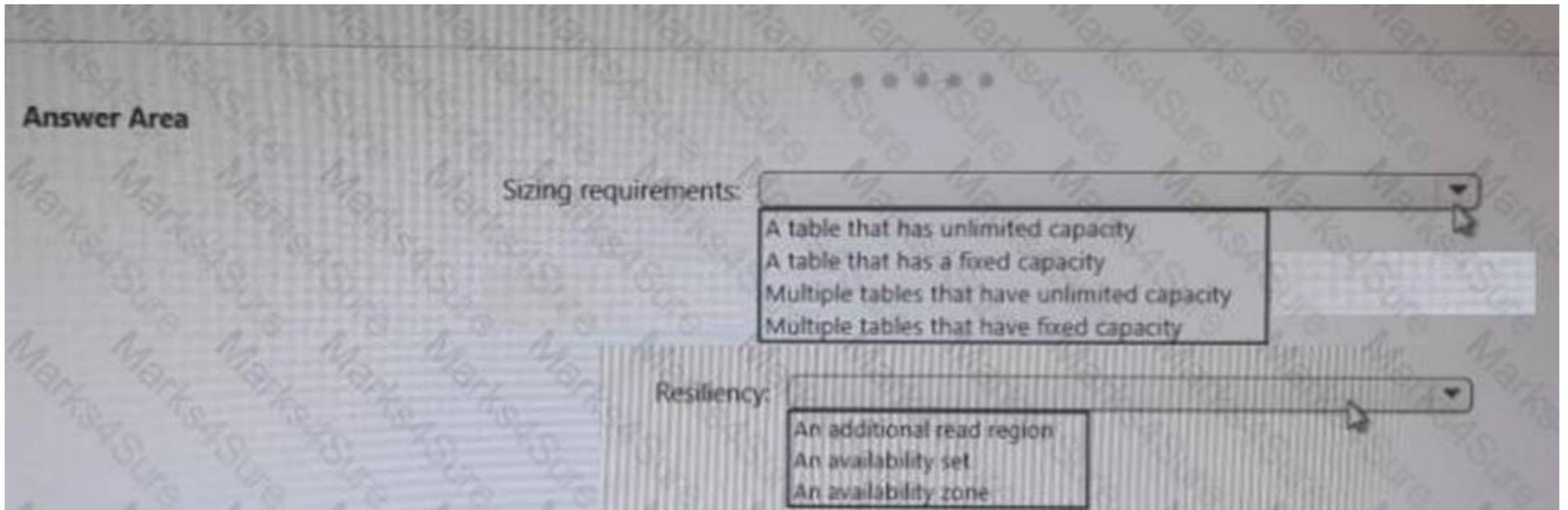
Answer: A

NEW QUESTION 140

- (Exam Topic 4)

You need to recommend a solution for data of the historical transaction query system. What should you include in the recommendation? To answer, Select the appropriate or options in the answer area.

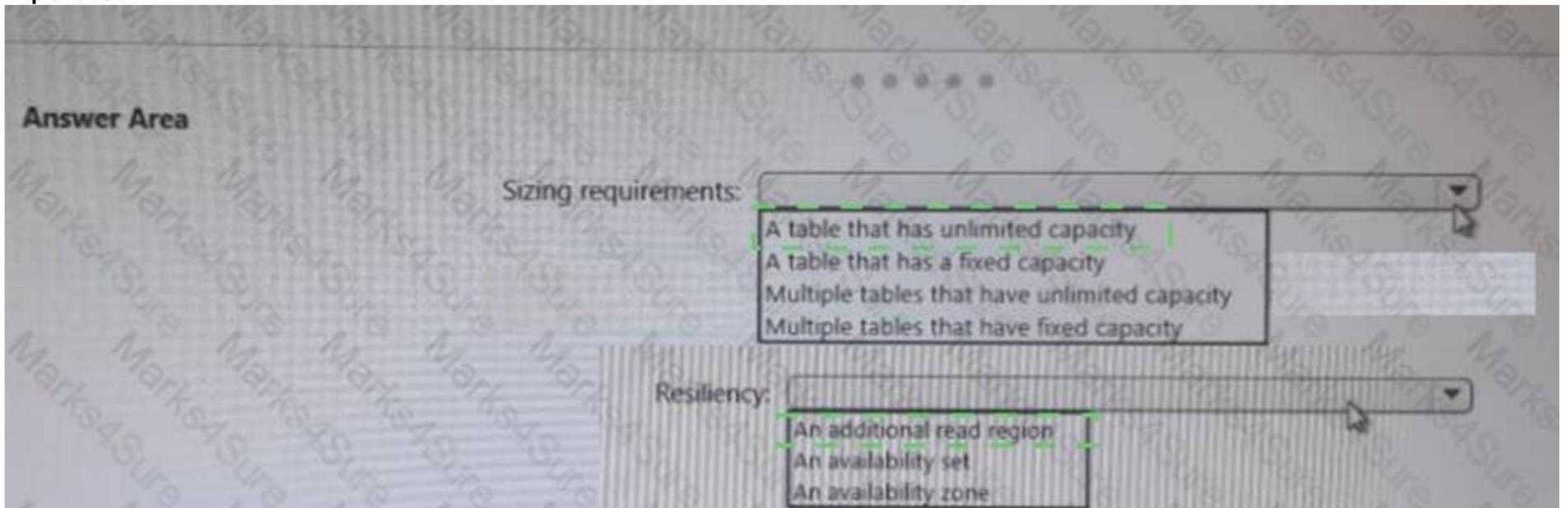
NOTE: Each correct selection is worth one point



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

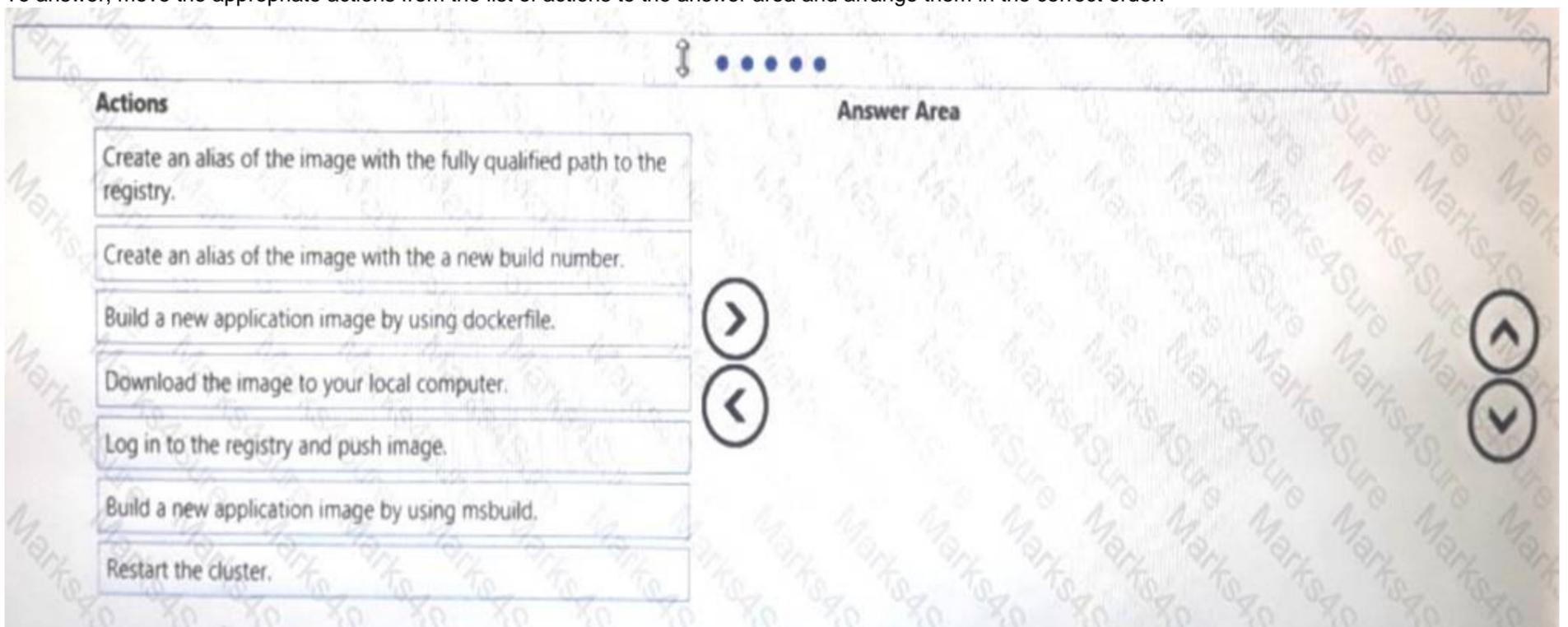


NEW QUESTION 145

- (Exam Topic 5)

You need to deploy a new version of the Label Maker application. 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.



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Create an alias of the image with fully qualified path to the registry Log in to the registry and push image
Restart the cluster.

NEW QUESTION 147

- (Exam Topic 6)

You need to ensure that the Policy service can implement the policy actions. Which code segment should you insert at line EG07 in EventGridController.cs?

- A.

```
if (HttpContext.Request.Headers["aeg-event-type"].FirstOrDefault() == "SubscriptionValidation")
{
    return new JsonResult(new
    {
        validationResponse = events[0]["validationCode"]
    });
}
```
- B.

```
if (events[0]["eventType"].ToString() == "SubscriptionValidation")
{
    return new JsonResult(new
    {
        validationResponse = events[0]["validationCode"]
    });
}
```
- C.

```
if (HttpContext.Request.Headers["aeg-event-type"].FirstOrDefault() == "SubscriptionValidation")
{
    return new JsonResult(new
    {
        validationResponse = events[0]["data"]["validationCode"]
    });
}
```
- D.

```
if (events[0]["subject"].ToString() == "SubscriptionValidation")
{
    return new JsonResult(new
    {
        validationResponse = events[0]["data"]["validationCode"]
    });
}
```

- A. Option A
B. Option B
C. Option C
D. Option D

Answer: C

NEW QUESTION 149

- (Exam Topic 7)

You need to meet the technical requirement for VM4. What should you create and configure?

- A. an Azure Event Hub
B. an Azure Notification Hub
C. an Azure Logic App
D. an Azure Service Bus

Answer: C

NEW QUESTION 150

- (Exam Topic 8)

You need to configure the Azure ExpressRoute circuits.

How should you configure Azure ExpressRoute routing? To answer, drag the appropriate configurations to the correct locations. Each Configuration 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.

Configurations

Use BGP communities to configure BGP's Local Preference.

Use BGP to append the private AS numbers to the advertised prefixes.

Use BGP to append the public AS numbers to the advertised prefixes.

Answer Area

Routing from A.Datum to Azure:

Routing from Microsoft Online Services to A.Datum:

- A. Mastered
- B. Not Mastered

Answer: A

NEW QUESTION 151

- (Exam Topic 9)

You are creating a collaborative image hosting platform as an ASP.NET MVC web application. Users add, update, and modify images on the platform. Images are stored in Azure Blob storage.

More than one user at a time must be able to modify the same image. You need to implement optimistic concurrency for uploading images.

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.

The screenshot shows an exam interface with an 'Actions' list on the left and an 'Answer area' on the right. The 'Actions' list contains five items:

- Check response headers. If the status code equals 200, notify that it is a success. If the code is 412, notify the user about a conflicting change.
- When you upload the image, include the ETag in the If-None-Match conditional header of the PUT BLOB request.
- Store the ETag of the blob for further use, and let the user make the necessary modifications to the image.
- Retrieve an image blob from the storage service. The response includes an HTTP ETag Header value that identifies the current version of the image(Blob).
- When you upload the image, include the ETag in the If-Match conditional header of the PUT BLOB request.

The 'Answer area' is currently empty. Navigation arrows are visible between the list and the answer area.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Actions

- Check response headers. If the status code equals 200, notify that it is a success. If the code is 412, notify the user about a conflicting change.
- When you upload the image, include the ETag in the If-None-Match conditional header of the PUT BLOB request.
- Store the ETag of the blob for further use, and let the user make the necessary modifications to the image.
- Retrieve an image blob from the storage service. The response includes an HTTP ETag Header value that identifies the current version of the image(Blob).
- When you upload the image, include the ETag in the If-Match conditional header of the PUT BLOB request.

Answer area

- When you upload the image, include the ETag in the If-Match conditional header of the PUT BLOB request.
- Store the ETag of the blob for further use, and let the user make the necessary modifications to the image.
- When you upload the image, include the ETag in the If-None-Match conditional header of the PUT BLOB request.
- Check response headers. If the status code equals 200, notify that it is a success. If the code is 412, notify the user about a conflicting change.

NEW QUESTION 153

- (Exam Topic 9)

From the MFA Server blade, you open the Block/unblock users blade as shown in the exhibit.

Block/unblock users

A blocked user will not receive Multi-Factor Authentication requests. Authentication attempts for that user will be automatically denied. A user will remain blocked for 90 days from the time they are blocked. To manually unblock a user, click the "Unblock" action.

Blocked users

USER	REASON	DATE	ACTION
AlexW@M365x832514.OnMicrosoft.com	Lost phone	06/14/2018 8:26:38 PM	Unblock

What caused AlexW to be blocked?

- A. The user account password expired.
- B. The user reported a fraud alert when prompted for additional authentication.
- C. An administrator manually blocked the user.
- D. The user entered an incorrect PIN four times within 10 minutes.

Answer: C

NEW QUESTION 155

- (Exam Topic 9)

You are developing a stateful service to deploy to Azure Service Fabric. You plan to implement the RunAsync method.

You need to implement the methods to interface with an instance of the IReliable dictionary interface to increment a count each time the service is called- The first time the service is called, you must initialize the count to 1 if it does not yet exist and then update it by one each time it is called.

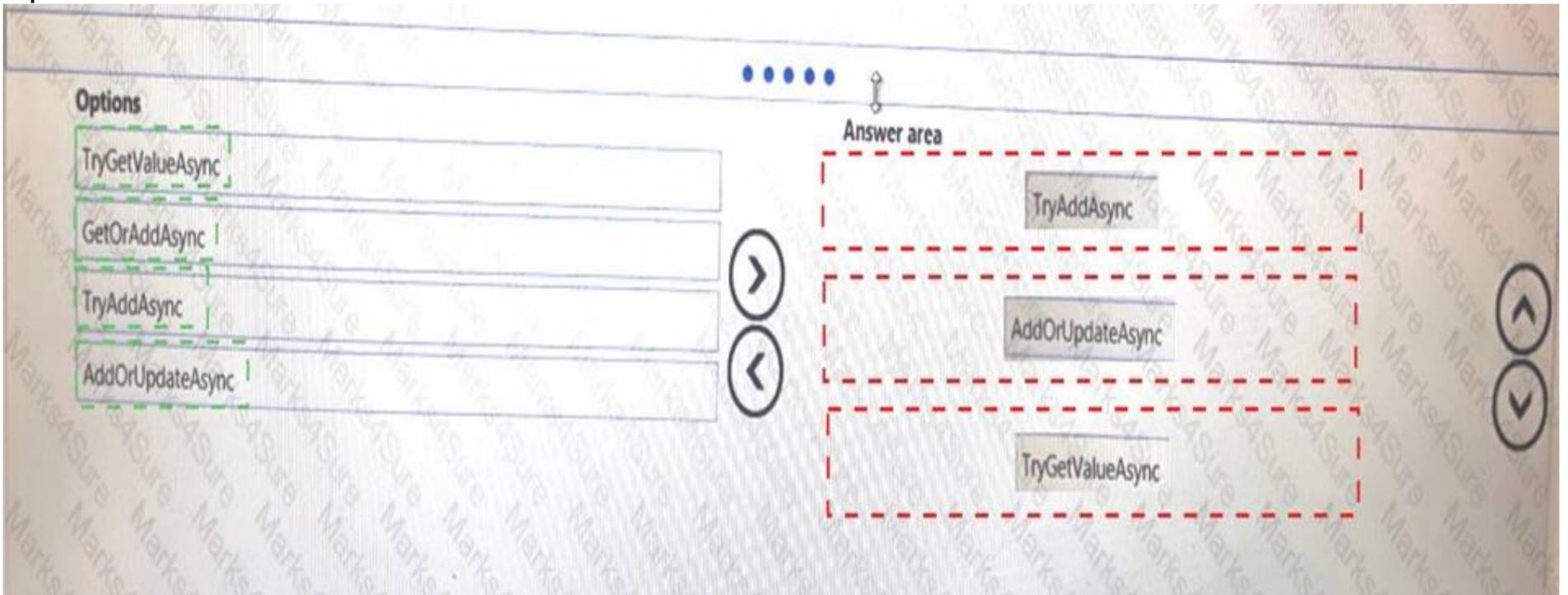
Which three methods should you run in sequence? To answer, move the appropriate methods from the list of methods to the answer area and arrange them in the correct order.



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 156

- (Exam Topic 9)

You are creating an app that uses Event Grid to connect with other services. Your app's event data will be sent to a serverless function that checks compliance. This function is maintained by your company.

You write a new event subscription at the scope of your resource. The event must be invalidated after a specific period of time.

You need to configure Event Grid to ensure security.

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

NOTE: Each correct selection is worth one point.

Authentication

WebHook event delivery

Type

	v
SAS tokens	
Key authentication	
JWT token	

Topic publishing

	v
ValidationCode handshake	
ValidationURL handshake	
Management Access Control	

- A. Mastered

B. Not Mastered

Answer: A

Explanation:

Authentication

WebHook event delivery

Type

- SAS tokens
- Key authentication
- JWT token

Topic publishing

- ValidationCode handshake
- ValidationURL handshake
- Management Access Control

NEW QUESTION 157

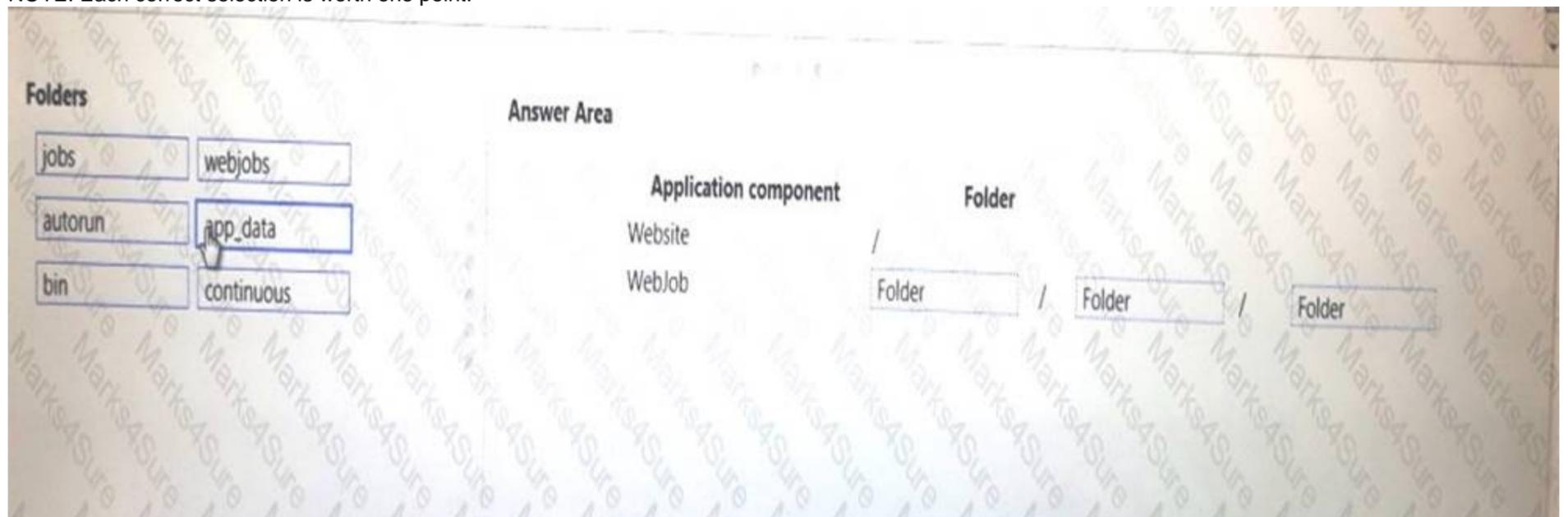
- (Exam Topic 9)

You are developing an application that consists of an ASP.NET Core Web API website and a WebJob that starts automatically and runs continuously. You are building the deployment process for the application.

You need to ensure that both the website and the WebJob are deployed.

How should you structure the deployment folders? To answer, drag the appropriate path segments to the correct locations. Each path segment may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

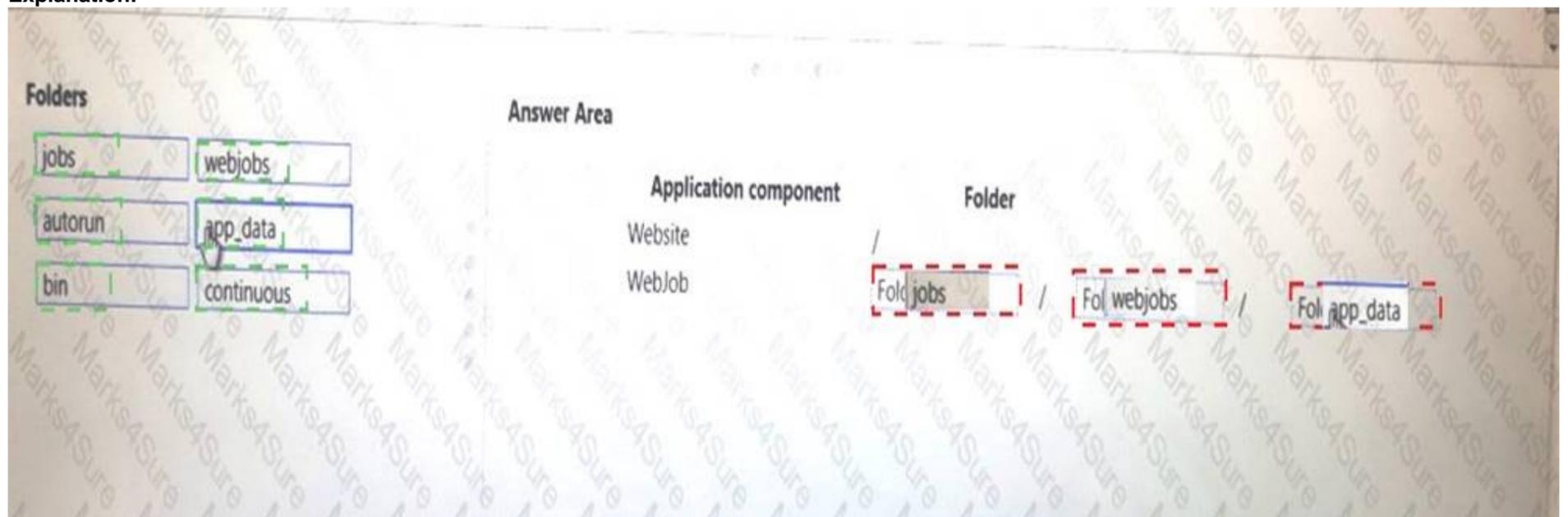
NOTE: Each correct selection is worth one point.



A. Mastered
 B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 161

- (Exam Topic 9)

You have an Azure Active Directory (Azure AD) tenant named contosodoud.onmicrosoft.com. Your company has a public DNS zone for contoso.com. You add contoso.com as a custom domain name to Azure AD. You need to ensure that Azure can verify the domain name. Which type of DNS record should you create?

- A. PTR
- B. TXT
- C. NSEC3
- D. DNSKEY

Answer: B

NEW QUESTION 163

- (Exam Topic 9)

You are developing an IoT solution. The solution requires bidirectional communication between a .NET application and Azure IoT Hub.

You need to obtain connection information for a single test device.

Which three commands should you use to develop the solution? To answer, move the appropriate commands from the list of commands to the answer area and arrange them in the correct order.

Commands

```
az iot hub device-identity import
-- hub -name <iot-hub-name>
-- device-id <device-id>
```

```
az extension add
-- name <iot -extension-name>
```

```
az iot hub device-identity create
-- hub -name <iot-hub-name>
-- device-id <device-id>
```

```
az iot hub device-identity show-connection-string
-- hub -name <iot-hub-name>
-- device-id <device-id>
```

```
az iot hub device-identity export
-- hub -name <iot-hub-name>
-- device-id <device-id>
```

Answer Area

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Commands

```
az iot hub device-identity import
-- hub -name <iot-hub-name>
-- device-id <device-id>
```

```
az extension add
-- name <iot -extension-name>
```

```
az iot hub device-identity create
-- hub -name <iot-hub-name>
-- device-id <device-id>
```

```
az iot hub device-identity show-connection-string
-- hub -name <iot-hub-name>
-- device-id <device-id>
```

```
az iot hub device-identity export
-- hub -name <iot-hub-name>
-- device-id <device-id>
```

Answer Area

```
az extension add
-- name <iot -extension-name>
```

```
az iot hub device-identity create
-- hub -name <iot-hub-name>
-- device-id <device-id>
```

```
az iot hub device-identity show-connection-string
-- hub -name <iot-hub-name>
-- device-id <device-id>
```

NEW QUESTION 166

- (Exam Topic 9)

You have an Azure Service Bus.

You create a queue named Queue1. Queue1 is configured as shown in the following exhibit.

* Name

Max size

Message time to live (default)

Days	Hours	Minutes	Seconds
<input type="text" value="0"/>	<input type="text" value="2"/>	<input type="text" value="0"/>	<input type="text" value="0"/>

Days	Hours	Minutes	Seconds
<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="5"/>	<input type="text" value="0"/>

Enable dead lettering on message expiration

Enable duplicate detection

Enable sessions

Enable partitioning

Use the drop-down menus to select the answer choice that completes each statement based on the information presented in the graphic.
 NOTE: Each correct selection is worth one point.

If a message that has a TTL of four hours is written to QUEUE1 and is never read, the message will be [answer choice].

- deleted after two hours
- deleted after four hours
- deleted after two hours and five minutes
- retained until manually deleted

If a message that has a TTL of two hours is written to Queue1, and then read after one hour, the message will be [answer choice].

- deleted immediately
- deleted in five minutes
- deleted in one hour
- retained until manually deleted

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

If a message that has a TTL of four hours is written to QUEUE1 and is never read, the message will be [answer choice].

- deleted after two hours
- deleted after four hours
- deleted after two hours and five minutes
- retained until manually deleted

If a message that has a TTL of two hours is written to Queue1, and then read after one hour, the message will be [answer choice].

- deleted immediately
- deleted in five minutes
- deleted in one hour
- retained until manually deleted

NEW QUESTION 169

- (Exam Topic 9)

You are developing a Docker/Go using Azure App Service Web App for Containers. You plan to run the container in an App Service on Linux. You identify a Docker container image to use.

None of your current resource groups reside in a location that supports Linux. You must minimize the number of resource groups. You need to create the application and perform an initial deployment required.

Which three Azure CLI commands should you use to develop the solution? To answer, move the appropriate commands from the list of commands to the answer area and arrange them in the correct order.

The screenshot shows an exam interface with two main sections: 'Azure CLI Commands' and 'Answer area'. The 'Azure CLI Commands' section contains a list of five commands: 'az group update', 'az webapp update', 'az group create', 'az appservice plan create', and 'az webapp create'. To the right of this list are two circular arrow buttons (one pointing right, one pointing left). The 'Answer area' is currently empty and has a mouse cursor hovering over it. To the right of the answer area are two more circular arrow buttons (one pointing up, one pointing down).

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

az group create
az appservice plan create az webapp create

NEW QUESTION 171

- (Exam Topic 9)

You create an Azure Time Series Insights event handler.

You need to send data over the network as efficiently as possible and optimize query performance. What should you do?

- A. Use a Tag ID.
- B. Use reference data.
- C. Send all properties.
- D. create a query plan.

Answer: B

NEW QUESTION 172

- (Exam Topic 9)

You plan to develop an Azure Stream Analytics job that ingests streaming data from legacy SaaS, and cloud applications. The data will be used to launch workflows which perform data analysis.

You need to select Azure resources to handle the data input and output for the solution. Which resources should you use?

- A. Input: Event Hub, output: IoT Hub
- B. Input: Blobs, output: IoT Hub
- C. Input: Event Hub, output: Service Bus
- D. Input: Event Hub, output: Azure SQL database

Answer: C

NEW QUESTION 176

- (Exam Topic 9)

You have an Azure subscription that contains a virtual network named VNet1. VNet1 has two subnets named Subnet1 and Subnet2. VNet1 is in the West Europe Azure region. The subscription contains the virtual machines in the following table.

Name	Connected to
VM1	Subnet1
VM2	Subnet1
VM3	Subnet2

You need to deploy an application gateway named AppGW1 to VNet1. What should you do first?

- A. Add a load balancer.
- B. Add a virtual network.
- C. Add a subnet
- D. Create a network security group (NSG).

Answer: C

NEW QUESTION 181

- (Exam Topic 9)

Note: This question is a part of a series of questions that presents the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some questions sets might have more than one correct solution, while others not have a correct solution.

After you answer a question in this section, you will Not be able to return to it. As a result, these questions will not appear in the review screen.

You use ASP.NET Core MVC with ADO.NET to develop an application. You implement database sharding for the application by using Azure SQL Database. You establish communication links between the shard databases.

You need to implement a strategy that allows a group of operations that are performed on multiple Azure databases to be rolled back on all databases if any of the operations fail.

Solution:

- Create stored procedures in each Azure SQL database instance to perform operations for each respective database.
- Invoke a named transaction in each stored procedure.
- Establish a new transaction scope in a using block. Within the block, establish connections to each Azure SQL Databases instance and run the stored procedure.
- If no exception occurs, commit the scoped transaction.

Does the solution meet the goal?

- A. Yes
- B. No

Answer: B

NEW QUESTION 185

- (Exam Topic 9)

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals.

Some question sets might have more than on correct solution, while others might not have a correct solution. After you answer a question in this section, you will NOT be able to return to it. As a result these questions will not appear in the review screen.

You have an Azure Active Directory (Azure AD) tenant named Adatum and an Azure Subscription named Subscription 1. Adatum contains a group named

Developers. Subscription1 contains a resource group named Dev.
 You need to provide the Developers group with the ability to create Azure logic apps in the Dev resource group.
 Solution: On Subscription1, you assign the DevTest Labs User role to the Developers group.
 Does this meet the goal?

- A. Yes
- B. NO

Answer: B

NEW QUESTION 188

- (Exam Topic 9)

You maintain an existing Azure SQL database instance. Management of the database is performed by an external party. All cryptographic keys are stored in an Azure Key Vault.

You must ensure that the external party cannot access the data in the SSN column of the Person table.

Will each protection method meet the requirement? To answer, drag the appropriate responses to the correct protection methods. Each response 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.

Responses	Answer Area	Response
Yes	Protection method Enable AlwaysOn encryption.	Response
No	Set the column encryption setting to disabled .	Response
	Assign users to the Public fixed database role.	Response
	Store column encryption keys in the system catalog view in the database	Response

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

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

NEW QUESTION 192

- (Exam Topic 9)

You are building a custom Azure function app to connect to Azure Event Grid.

You need to ensure that resources are allocated dynamically to the function app. Billing must be based on the executions of the app.

What should you configure when you create the function app?

- A. The Windows operating system and the App Service plan hosting plan.
- B. The Docker container and an App Service plan that uses the S1 pricing tier.
- C. The Docker container and an App Service plan that uses the B1 pricing tier
- D. The Windows operating system and the Consumption plan hosting plan.

Answer: D

Explanation:

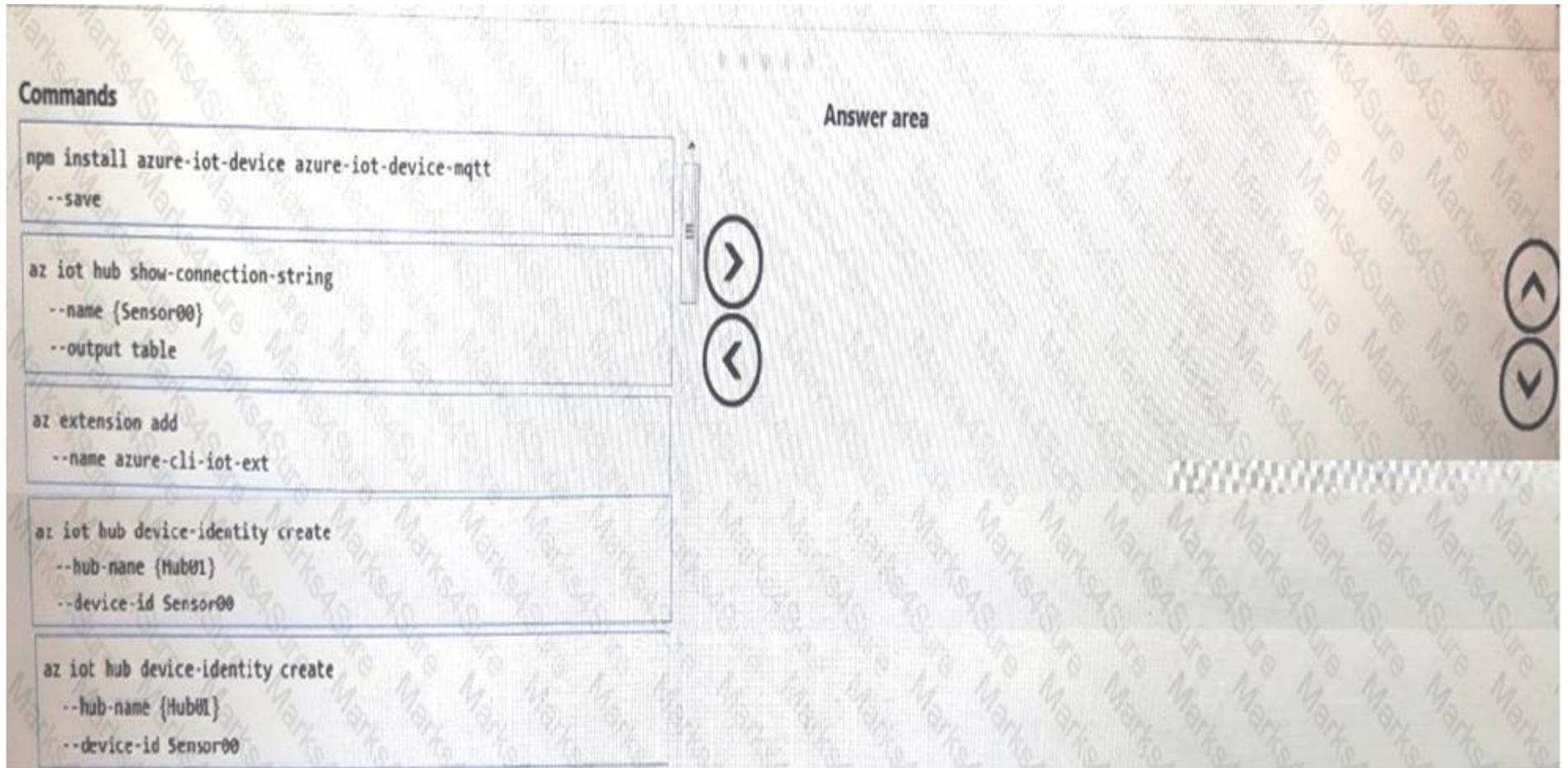
References:
<https://docs.microsoft.com/en-us/azure/azure-functions/functions-scale>

NEW QUESTION 193

- (Exam Topic 9)

You develop an IoT solution by using Nodejs. The solution is ready to deploy to the production environment. You must implement the device twin capabilities of Azure IoT Hub. You must register a sensor named Sensor00. The IoT Hub name is Hub01.

You need to register the endpoint with ContosoHub01 so that you can configure them from your solution. Which four commands should you use to develop the solution? To answer, move the appropriate commands from the list of commands to the answer area and arrange them in the correct order.



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

az extension add --name azure-cli-iot-ext

NEW QUESTION 198

- (Exam Topic 9)

You have an Azure subscription named Subscription1. Subscription1 contains the virtual machines in the following table.

Name	IP address
VM1	10.0.1.4
VM2	10.0.2.4
VM3	10.0.3.4

Subscription1 contains a virtual network VNet1 that has the subnets in the following table.

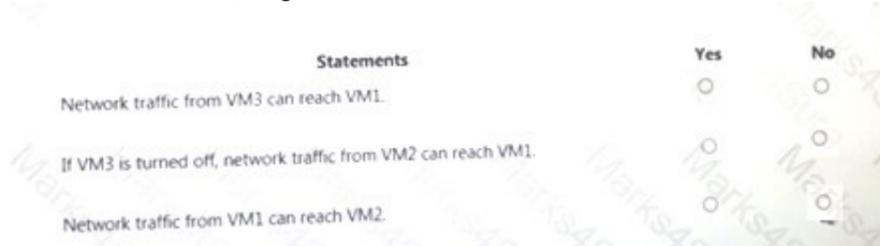
Name	Address space	Connected virtual machine
Subnet1	10.0.1.0/24	VM1
Subnet2	10.0.2.0/24	VM2
Subnet3	10.0.3.0/24	VM3

VM3 has multiple network adapters, including a network adapter named N1C3. IP forwarding is enabled on NIC3. Routing is enabled on VM3. You create a route table named RT1. RT1 is associated to Subnet1 and Subnet2 and contains the routes in the following table.

Address prefix	Next hop type	Next hop address
10.0.1.0/24	Virtual appliance	10.0.3.4
10.0.2.0/24	Virtual appliance	10.0.3.4

You apply RT1 to Subnet1

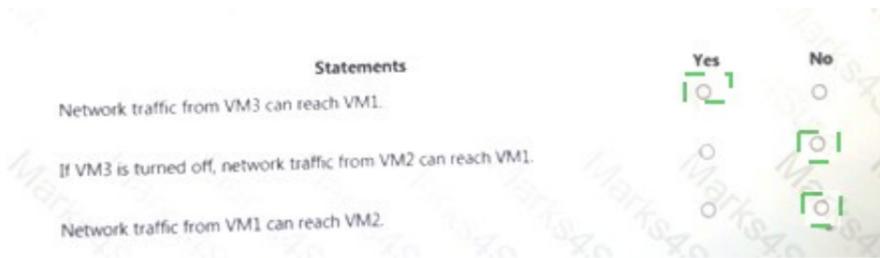
For each of the following statements, select Yes if the statement is true. Otherwise, select No. NOTE: Each correct selection is worth one point.



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 201

- (Exam Topic 9)

You develop a payment processing solution by using a .NET Framework application.

Customer data is spread across multiple Azure SQL Database servers and is not sharded. When a payment is made from one person to another person, data may be changed in multiple databases at once.

You need to ensure transactional atomicity across databases.

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

NOTE: Each correct selection is worth one point.

- A. In the solution, use the OpenConnectionForKey function to reference each database that will be included during a distributed transaction.
- B. In Azure PowerShell, create a new communication relationship between each database that requires distributed transactions.
- C. Use the Microsoft Distributed Transaction Coordination (MS DTC) service to configure distributed transactions between each database.
- D. In the solution, create new SqlConnection objects for each database that will be included during a distributed transaction.

Answer: BD

Explanation:

References:

<https://docs.microsoft.com/en-us/azure/sql-database/sql-database-elastic-transactions-overview#transactions-acr>

NEW QUESTION 206

- (Exam Topic 9)

You develop a web app that needs to use image analysis and processing for identifying individuals. This involves rendering of large three-dimensional images stored in Azure storage and performing

GRP-intensive calculations on the processed images for input into other services. Scaling and provisioning of the underlying infrastructure needs to occur during rendering and calculations as needed.

You need to find services for the tasks that will not impact the web app.

Which services should you use? To answer, drag the appropriate services to the correct tasks. Each service may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Answer Area

Services	Task	Service
<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px; text-align: center;">Azure Batch</div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px; text-align: center;">Azure WebJobs</div> <div style="border: 1px solid black; padding: 5px; text-align: center;">Azure Logic Apps</div>	<div style="border-left: 1px solid black; border-right: 1px solid black; padding: 10px 0 10px 20px;"> <p>Perform rendering of three-dimensional images.</p> <p>Use parallel processes to complete calculations.</p> </div>	<div style="border: 1px dashed black; padding: 5px; margin-bottom: 5px; text-align: center;">Service</div> <div style="border: 1px dashed black; padding: 5px; text-align: center;">Service</div>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

References:

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

NEW QUESTION 207

- (Exam Topic 9)

You have the following resource groups:

Resource group	Comments
DevServer_WestCentralUS	This resource group is located in the West Central US region and contains a single virtual machine (VM) named DevServer. DevServer is connected to a private subnet in an Azure Virtual Network that has no internet access.
Workstation_EastUS	This resource group is located in the East US region and contains a virtual machine named DevWorkstation. DevWorkstation is connected to a subnet in a Visual Network and is configured with a public IP address. A network security group has been configured to allow public incoming remote desktop protocol (RDP) connections to the DevWorkstation.

Developers must connect to Dev Server only through Dev Workstation. To maintain security, DevS erver must not accept connections from the internet. You need to create a private connection between the Dev Workstation and Dev St Solution: Configure an IP address on each subnet within the same address space. Does the solution meet the goal?

- A. Yes
- B. NO

Answer: B

NEW QUESTION 209

- (Exam Topic 9)

Your company has 300 virtual machines hosted in a VMWare environment. The virtual machines vary in size and have various utilization levels.

You plan to move all the virtual machines to Azure.

You need to recommend how many and what size Azure virtual machines will be required to move the current workloads to Azure. The solution must minimize administrative effort.

What should you use to make the recommendation?

- A. Azure Advisor recommendations
- B. Azure Cost Management
- C. Azure Pricing Migrate
- D. Azure Pricing calculator

Answer: C

Explanation:

References:

<https://azure.microsoft.com/en-gb/pricing/details/azure-migrate/>

NEW QUESTION 210

- (Exam Topic 9)

You have an Azure subscription that contains the following resources:

- a virtual network named VNet1
- a replication policy named RepIPoHcy1
- a Recovery Services vault named Vault1
- an Azure Storage account named Storage1

You have an Amazon Web Services (AWS) EC2 virtual machine named VM1 that runs Windows Server 2016.

You need to migrate VM1 to VNet1 by using Azure Site Recovery.

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

The screenshot shows an exam question interface. On the left, there is a list of actions:

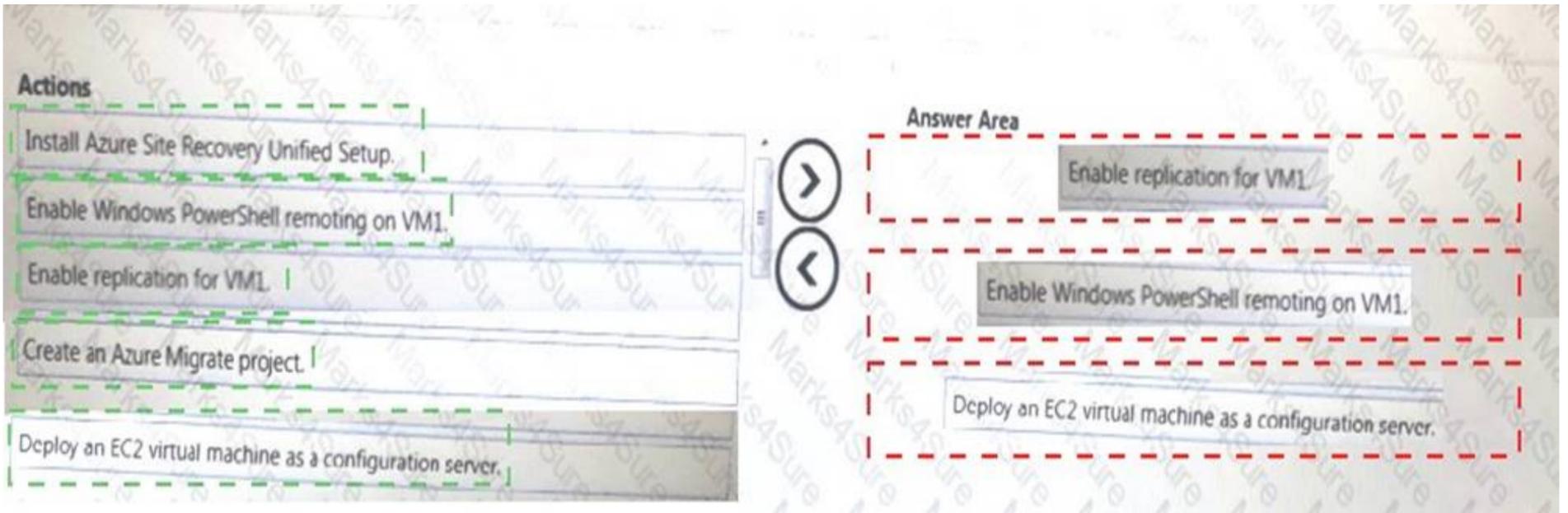
- Install Azure Site Recovery Unified Setup.
- Enable Windows PowerShell remoting on VM1.
- Enable replication for VML.
- Create an Azure Migrate project.
- Deploy an EC2 virtual machine as a configuration server.

 On the right, there is an 'Answer Area' which is currently empty. Between the list and the answer area are two circular arrows, one pointing right and one pointing left, used for reordering the selected actions.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

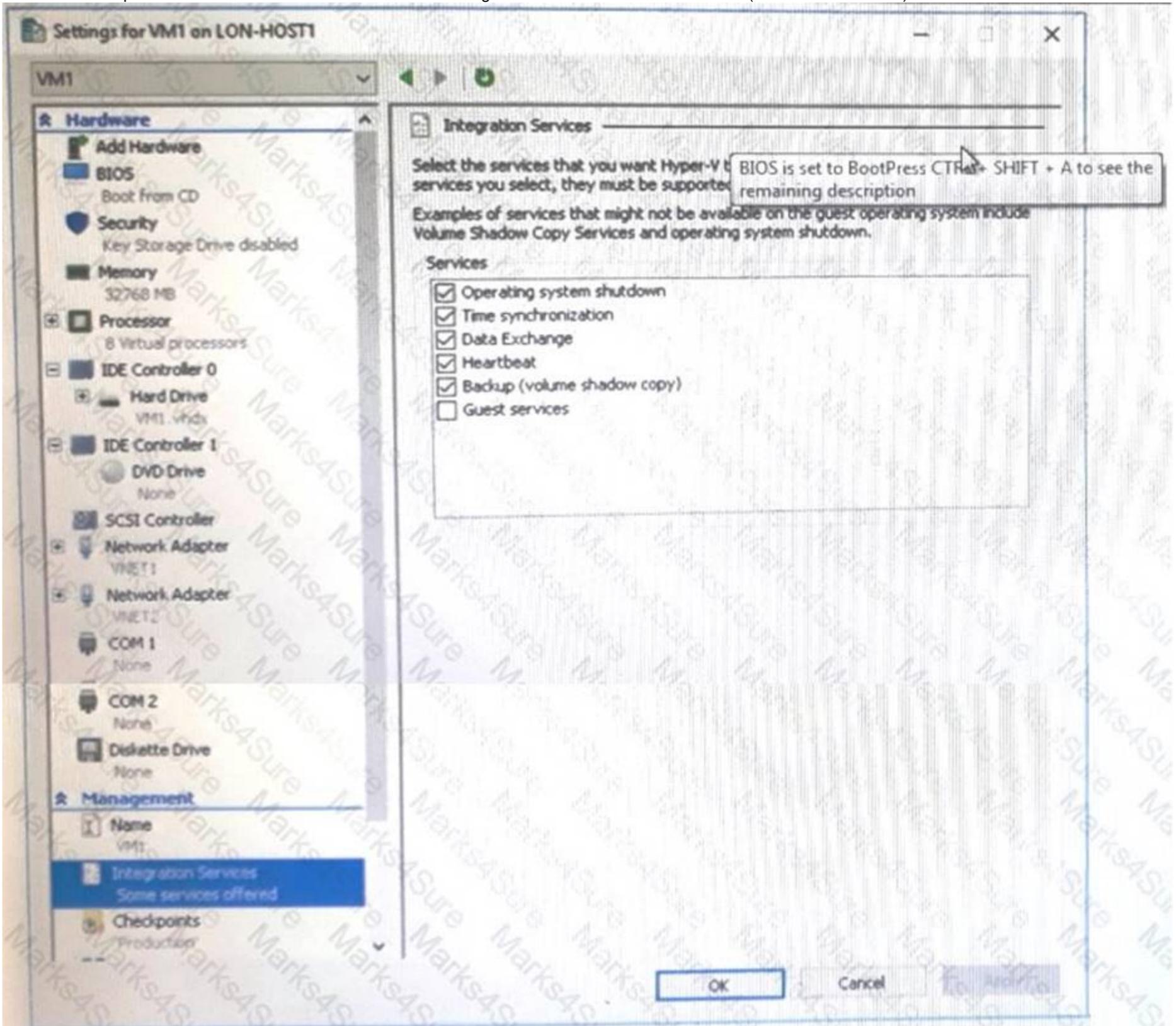


NEW QUESTION 212

- (Exam Topic 9)

You have an Azure subscription.

You have an on-premises virtual machine named VM1. The settings for VM1 are shown in the exhibit. (Click the Exhibit tab.)



You need to ensure that you can use the disks attached to VM1 as a template for Azure virtual machines. What should you modify on VM1?

- A. the hard drive
- B. Integration Services
- C. the memory
- D. the network adapters
- E. the processor

Answer: C

NEW QUESTION 214

- (Exam Topic 9)

You have an on-premises network that includes a Microsoft SQL Server instance named SQL1. You create an Azure Logic App named App1. You need to ensure that App1 can query a database on SQL1.

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

Answer Area

- From an Azure virtual machine, install an on-premises data gateway.
- From an on-premises computer, install an on-premises data gateway.
- Create an Azure virtual machine that runs Windows Server 2016.
- From the Azure portal, create an on-premises data gateway.
- From the Logic Apps Designer in the Azure portal, add a connector.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

References:

<https://docs.microsoft.com/en-us/azure/logic-apps/logic-apps-gateway-connection>

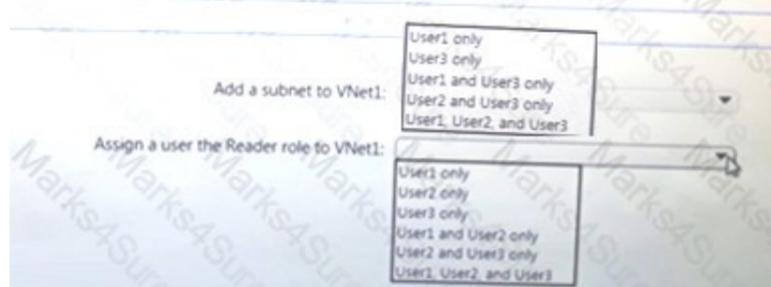
NEW QUESTION 216

- (Exam Topic 9)

You have an Azure subscription named Subscription1 that contains a virtual network named VNet1. You add the users in the following table.

User	Role
User1	Owner
User2	Security Admin
User3	Network Contributor

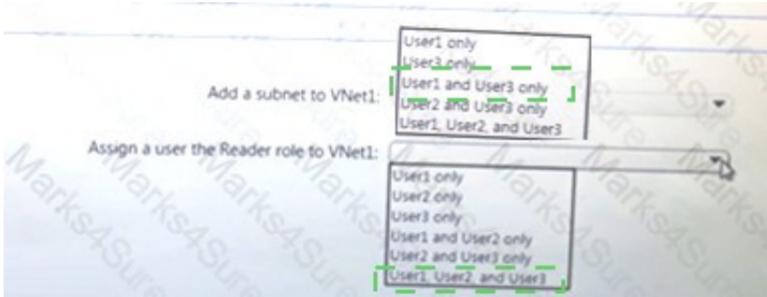
Which user can perform each configuration? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 217

- (Exam Topic 9)

You are developing a .NET Core on-premises application that updates multiple Azure SQL Database instances. The application must log all update commands attempted to a separate Azure SQL database instance named AuditDb.

You define an outer TransactionScope with a loop to enumerate and run the SQL commands on each customer database connection and an inner TransactionScope to record all transactions attempted within the outer TransactionScope to the AuditDb database.

You need to develop a method to perform the updates to the databases. The solution must meet the following requirements:

- ▶ All rows written to the AuditDb database must be committed even if the outer transaction fails.
- ▶ If an error occurs writing to the AuditDb database, the outer transaction must be rolled back.
- ▶ If an error occurs writing to the Customer databases, only the outer transaction must be rolled back.
- ▶ Values for TransactionScopeOption must be specified for the customer databases.
- ▶ Values for TransactionScopeOption must be specified for the AuditDb database.

Which TransactionScopeOption values should you use?

- A. Required for Customer Tran Scope Option and Required for Audit Tran Scope Option
- B. Requires New for Customer Tran Scope Option and Suppress for Audit Tran Scope Option
- C. Suppress for Customer Tran Scope Option and Suppress for Audit Tran Scope Option
- D. Requires New for the Customer Tran Scope Option and Requires New for the Audit Tran Scope Option

Answer: A

NEW QUESTION 219

- (Exam Topic 9)

A company plans to automate specific sections of a customer service call center solution.

You must develop a bot that can be used on the company's website to provide answers to frequently asked questions (FAQ). You must create a bot that includes the existing FAQs by using Azure Bot Service with QnA Maker.

You need to test the bot.

What are two ways to achieve this goal? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. MSBot
- B. Bot Framework Emulator
- C. Web chat in Azure portal
- D. ngrok

Answer: BC

NEW QUESTION 220

- (Exam Topic 9)

You are developing a workflow solution using Azure technologies.

What should you implement to meet each requirement? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Requirement

Tool

Debug the solution by using Visual Studio.

▼

Durable functions only

Logic Apps only

Durable functions and Logic Apps

Use a collection of ready-made actions.

▼

Durable functions only

Logic Apps only

Durable functions and Logic Apps

Deploy the component by using Visual Studio Team Services.

▼

Durable functions only

Logic Apps only

Durable functions and Logic Apps

A. Mastered

B. Not Mastered

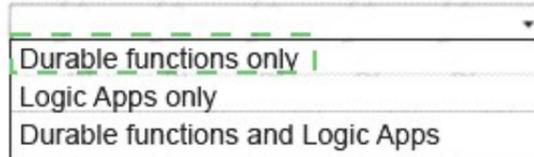
Answer: A

Explanation:

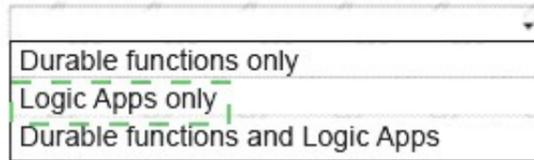
Requirement

Tool

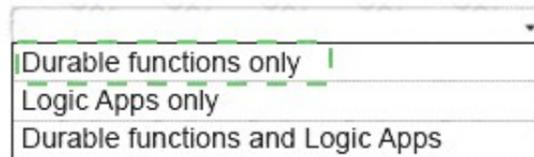
Debug the solution by using Visual Studio.



Use a collection of ready-made actions.



Deploy the component by using Visual Studio Team Services.



NEW QUESTION 221

- (Exam Topic 9)

A company has the following offices:

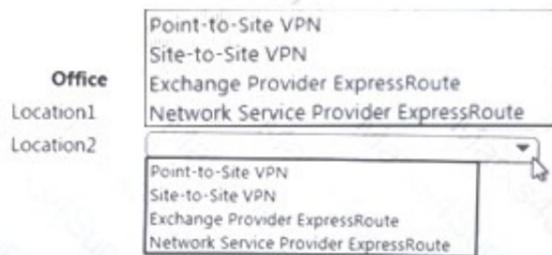
Office	Comments
Location1	This office has 30 networked computers, a VPN server, and a server that runs Microsoft Exchange.
Location2	This office has five on-premises servers.

The company plans to expand its network to the cloud. You identify the following requirements:

- Location1 requires a dynamic pool of virtual machines (VMs) for offsite computations
- Employees from Location1 must be able to connect to VMs through a virtual network to start tasks and check results.
- Servers from Location2 must privately and continuously back up all data to Azure. The process will require up to 1 Gbps bandwidth.

You need to configure the hybrid solution.

Which connection types should you use? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

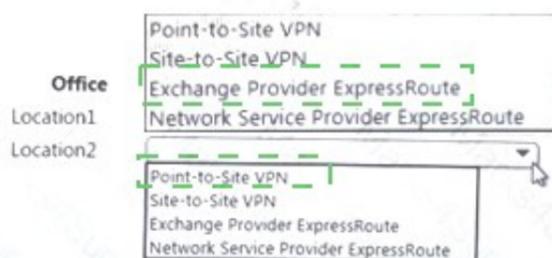


A. Mastered

B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 224

- (Exam Topic 9)

A company is developing a solution that allows smart refrigerators to send temperature information to a central location.

The solution must receive and store messages until they can be processed. You create an Azure Service Bus instance by providing a name, pricing tier, subscription, resource group, and location.

You need to complete the configuration.

Which Azure CU or PowerShell command should you run?

A)

```
New-AzureRmServiceBusQueue
-ResourceGroupName fridge-rg
-NamespaceName fridge-ns
-Name fridge-q
-EnablePartitioning $False
```

B)

```
az group create
--name fridge-rg
--location fridge-loc
```

C)

```
New-AzureRmResourceGroup
-Name fridge-rg
-Location fridge-loc
```

D)

```
connectionString=$(az servicebus namespace authorization-rule keys list
--resource-group fridge-rg
--fridge-ns fridge-ns
--name RootManageSharedAccessKey
--query primaryConnectionString --output tsv)
```

- A. Option A
- B. Option B
- C. Option C
- D. Option D

Answer: D

NEW QUESTION 229

- (Exam Topic 9)

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution. Determine whether the solution meets the stated goals. You have the following resource groups:

Resource group	Comments
DevServer_WestCentralUS	This resource group is located in the West Central US region and contains a single virtual machine named DevServer. DevServer is connected to a private subnet in an Azure Virtual Network that has no internet access.
Workstation_EastUs	This resource group is located in the East US region and contains a virtual machine named DevWorkstation. DevWorkstation is connected to a subnet in a Virtual Network and is configured with a public IP address. A network security group has been configured to allow public incoming remote desktop protocol (RDP) connections to the DevWorkstation.

Developers must connect to DevServer only through DevWorkstation. To maintain security, DevServer must not accept connections from the internet. You need to create a private connection between the DevWokstation and DevServer.
 Solution: Configure a public IP address on DevServer_WestCentral. Configure the Network Security Group to allow all incoming ports.
 Does the solution meet the goal?

- A. Yes
- B. NO

Answer: A

NEW QUESTION 233

- (Exam Topic 9)

You have a cloud solution that uses an Azure Functions consumption plan to scale hundreds of processes. A portion of the code is shown below. (Line numbers are included for reference only.)

```

01 [FunctionName("StartFunction")]
02 public static async Task<HttpResponseMessage> RunSingle(
03 [HttpTrigger(AuthorizationLevel.Function, methods:
    "post", Route = "orchestrators/contoso_function01/<instance_id>")]
04 HttpRequestMessage req,
05 [OrchestrationClient] DurableOrchestrationClient starter,
06 string functionName, string instanceId, traceWriter log)
07 {
08     var existingInstance = await starter.GetStatus.GetStatusAsync(instanceId);
09     if (existingInstance == null)
10     {
11         dynamic eventData = await req.Content.readAsAsync<object>();
12         await starter.StartNewAsync(functionName, instanceId, eventData);
13         log.Info($"Created");
14         return starter.CreateCheckStatusResponse(req, instanceId);
15     }
16     else
17     {
18         return req.CreateErrorResponse(HttpStatusCode.Conflict, $"Cannot create");
19     }
20 }

```

For each of the following statements, select Yes if the Statement is true. Otherwise, select No.
 NOTE: Each correct selection is worth one point.

	Yes	No
The code intends to create an Azure Function singleton instance.	<input type="radio"/>	<input type="radio"/>
If no instanceID is passed into StartNewAsync, a random id is generated for the function.	<input type="radio"/>	<input type="radio"/>
The code ensures that there will never be two instances of the same function running.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

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

NEW QUESTION 235

- (Exam Topic 9)
 You have implemented code that uses elastic transactions spanning across three different Azure SQL Database logical servers. Database administrators report that some transactions take longer to complete than expected. You need to use the correct tool to monitor all the transactions originating from the elastic transaction implementation. Which tool should you use?

- A. Run the sys.dm_tran_active_transactions dynamic management view.
- B. Use the dependencies section of Azure Applications Insights.
- C. Run the sys.dm_tran_current_snapshot dynamic view.
- D. Run the sys.dm_tran_active_snapshot_database_transactions dynamic management view.

Answer: A

Explanation:

References:
<https://docs.microsoft.com/en-us/azure/sql-database/sql-database-elastic-transactions-overview>

NEW QUESTION 236

- (Exam Topic 9)
 Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution. After you answer a question in this section, you will NOT be able to return to it. As a result these questions will not appear in the review screen. You have an Azure Active Directory (Azure AD) tenant named Adatum and an Azure Subscription1 named Subscription1. Adatum contains a group named

Developers. Subscription1 contains a resource group named Dev.
 You need to provide the Developers group with the ability to create Azure logic apps in the Dev resource group.
 Solution: On Subscription1, you assign the logic App Operator role to the Developers group. Does this meet the goal?

- A. Yes
- B. NO

Answer: B

NEW QUESTION 241

- (Exam Topic 9)

You host an on-premises ASP.NET Web API at the company headquarters. The Web API is consumed by applications running at the company's branch offices using the Azure Relay service. All the users of the applications are on the same Azure Active Directory (Azure AD).
 You need to ensure that the applications can consume the Web API. What should you do?

- A. Create separate AD groups named Senders and Receiver
- B. In Access Control (IAM) for the relaynamespace, assign Senders the Reader role and assign Receivers the Reader role.
- C. Create a Shared Access policy for send permissions and another for Receive permissions.
- D. Create dedicated Azure AD identities named Sender and Receive
- E. Assign Sender the Azure AD Identity Reader rol
- F. Assign Receiver the Azure AD Identity reader rol
- G. Configure applications to use therespective identities.
- H. Create a Shared Access policy for the namespac
- I. Use a connection string in the Web API and use a different connection string in consumer applications.

Answer: D

Explanation:

References:
<https://docs.microsoft.com/en-us/azure/service-bus-relay/relay-authentication-and-authorization>

NEW QUESTION 242

- (Exam Topic 9)

You are designing a software as a service (SaaS) application that will enable Azure Active Directory (Azure AD) users to create and publish online surveys. The SaaS application will have a front-end web app and back-end web API. The web app will rely on the web API to handle updates to customer surveys.
 You need to design an authorization flow for the SaaS application. The solution must meet the following requirements:

- ▶ To access the back-end web API, the web app must authenticate by using OAuth 2 bearer tokens.
- ▶ The web app must authenticate by using the identities of individual users.

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

NOTE: Each correct selection is worth one point.

The access tokens will be generated by:

<input type="checkbox"/> Azure AD
<input type="checkbox"/> A web app
<input type="checkbox"/> A web API

Authorization decisions will be performed by:

<input type="checkbox"/> Azure AD
<input type="checkbox"/> A web app
<input type="checkbox"/> A web API

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

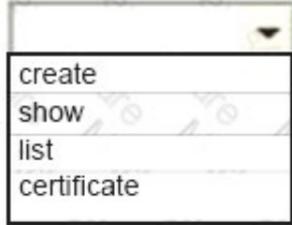
References:
<https://docs.microsoft.com/lb-lu/azure/architecture/multitenant-identity/web-api> <https://docs.microsoft.com/en-us/azure/active-directory/develop/quickstart-v1-dotnet-webapi>

NEW QUESTION 247

- (Exam Topic 9)

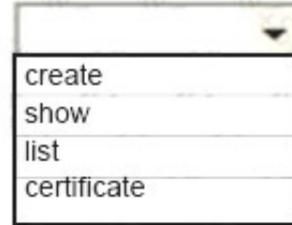
You are developing an IoT solution.
 The solution requires bidirectional communication between a client .NET back-end application that will connect to the IoT Hub to process information.
 You need to collect the values required for the back-end application to connect with the newly created IoT Hub.
 How should you complete the commands? To answer, select the appropriate options in the answer area.
 NOTE: Each correct selection is worth one point.

az iot hub



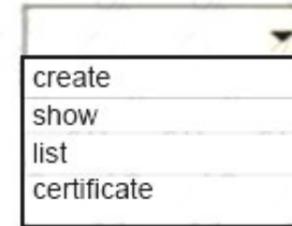
```
--query properties.eventHubEndpoints.events.endpoint  
--name <iot-hub-name>
```

az iot hub

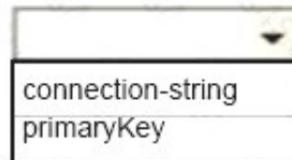


```
--query properties.eventHubEndpoints.events.path  
--name <iot-hub-name>
```

az iot hub



--query



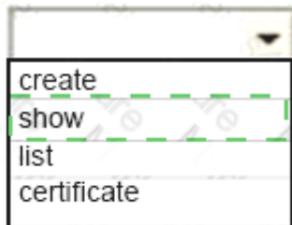
```
--name <iot-owner-name>  
--hub-name <iot-hub-name>
```

- A. Mastered
- B. Not Mastered

Answer: A

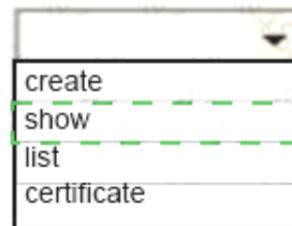
Explanation:

az iot hub



```
--query properties.eventHubEndpoints.events.endpoint
--name <iot-hub-name>
```

az iot hub

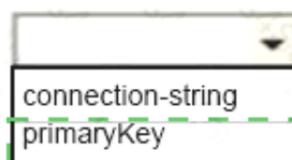


```
--query properties.eventHubEndpoints.events.path
--name <iot-hub-name>
```

az iot hub



--query



```
--name <iot-owner-name>
--hub-name <iot-hub-name>
```

NEW QUESTION 251

- (Exam Topic 9)

A company named Contoso Ltd., has a single-domain Active Directory forest named contoso.com.

Contoso is preparing to migrate all workloads to Azure. Contoso wants users to use single sign-on (SSO) when they access cloud-based services that integrate with Azure Active Directory (Azure AD).

You need to identify any objects in Active Directory that will fail to synchronize to Azure AD due to formatting issues. The solution must minimize costs.

What should you include in the solution?

- A. Azure Advisor
- B. Password Export Server version 3.1 (PES v3.1) in Active Directory Migration Tool (ADMT)
- C. Azure AD Connect Health
- D. Microsoft Office 365 IdFix

Answer: D

NEW QUESTION 252

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