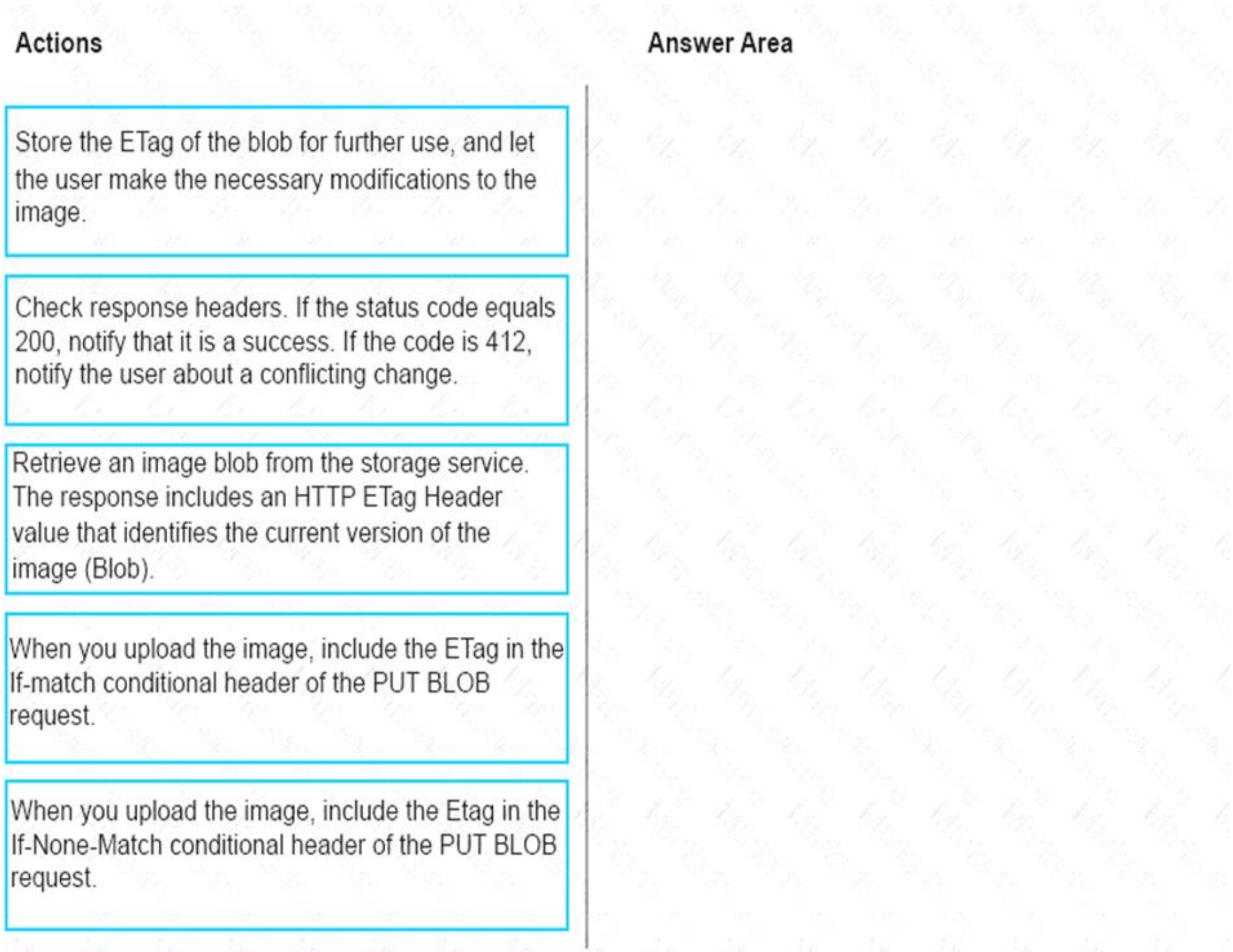
Microsoft

Exam Questions AZ-302

Microsoft Azure Solutions Architect Certification Transition

NEW QUESTION 1
- (Exam Topic 1)
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.



A. Mastered
B. Not Mastered

Answer: A

Explanation:
References:
https://azure.microsoft.com/en-gb/blog/managing-concurrency-in-microsoft-azure-storage-2/

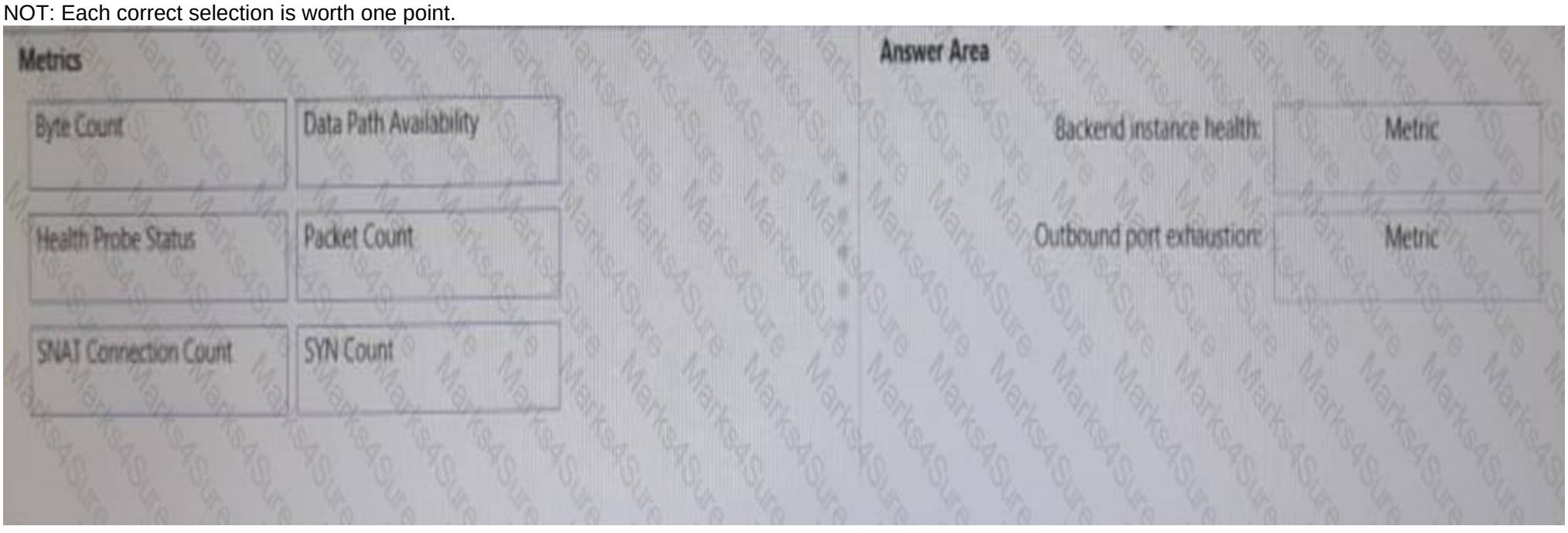
NEW QUESTION 2
- (Exam Topic 1)
The accounting department at your company migrates to new financial accounting software. The accounting department must keep file-based database backups for years for compliances purposes. It is unlikely that the backup will be used to recover data.
You need to more the 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 ter
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

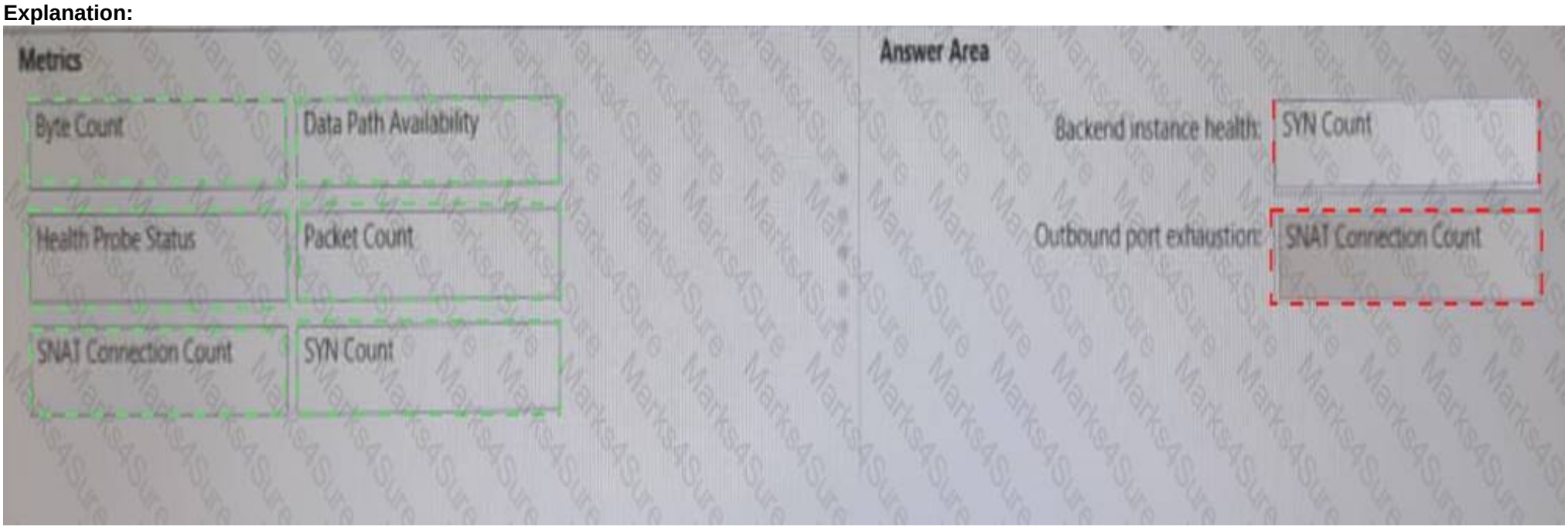
when the load balancer fails.
Which metrics should you recommend using to test the load balancer? To answer, drag the appropriate metrics to the correct conditions. Each metric may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.
NOT: Each correct selection is worth one point.



A. Mastered
B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 4
- (Exam Topic 1)
You manage a single-domain, on-premises Active Directory for named contoso.com. The forest functional level is window Server 2016.
You have several on-premises applications that depend on Active Directory. You plan to migrate the applications to Azure.
You need to recommend an identity solution for the appkcatkms. The solution mufl meet the following requirements:
• Eliminate the need for hybrid network connectivity
• Minimize management overhead for Active Directory. What should you recommend?

A. In Azure, deploy additional domain controllers for the contoso.com domain
B. In Azure, deploy an additional child domain to the contoso.com forest.
C. Implement Azure Active Directory Domain Services (Azure AD DS).
D. Implement a new Acuve Directory forest in Azure.

Answer: A

NEW QUESTION 5
- (Exam Topic 1)
Members of the finance department for a company review and make changes to a Microsoft Excel workbook that is hosted on OneDrive. The workbook contains projected costs and revenue for a project.
You need to develop an Azure Function that ingests data from the modified workbook and places it into a Microsoft Word document.
Which two objects should you implement? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

A. An Excel table output binding
B. A group conversation subscription
C. A group subscription
D. An auth token input binding
E. An Excel table input binding

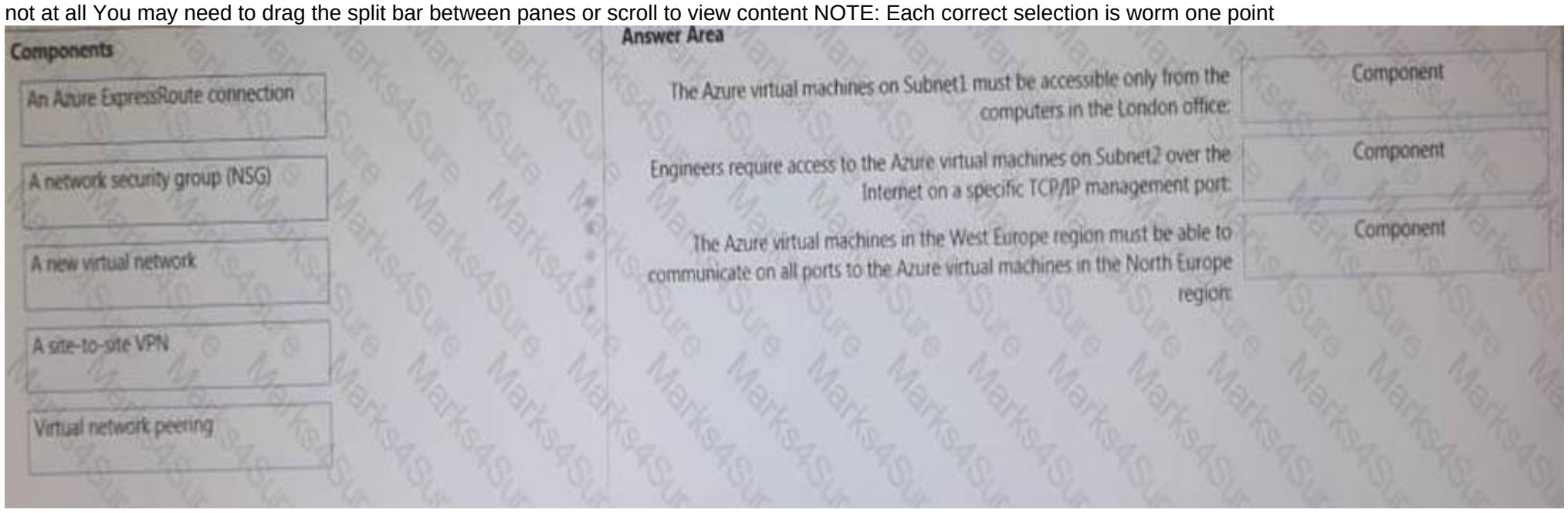
Answer: BE

NEW QUESTION 6
- (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

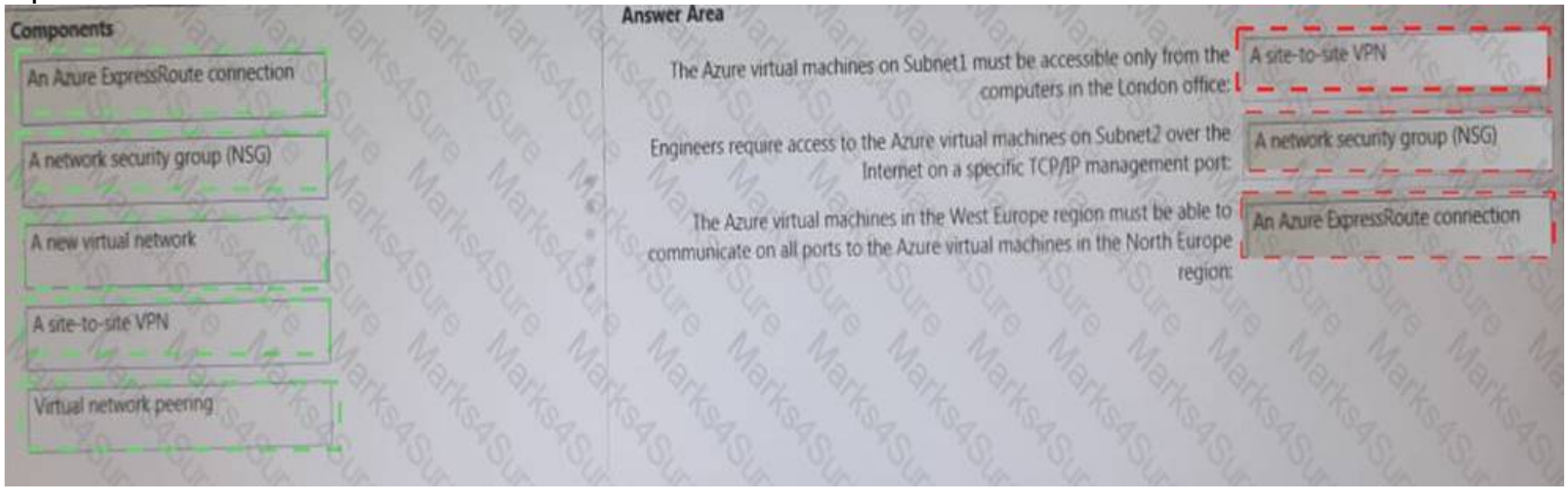
NEW QUESTION 7
- (Exam Topic 1)
You are designing a network connectivity strategy for a new Azure subscription. You identify the following requirements
* The Azure virtual machines on a subnet named Subnet must be accessible only from me computers in your London office.
* Engineers -equ.re access to 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



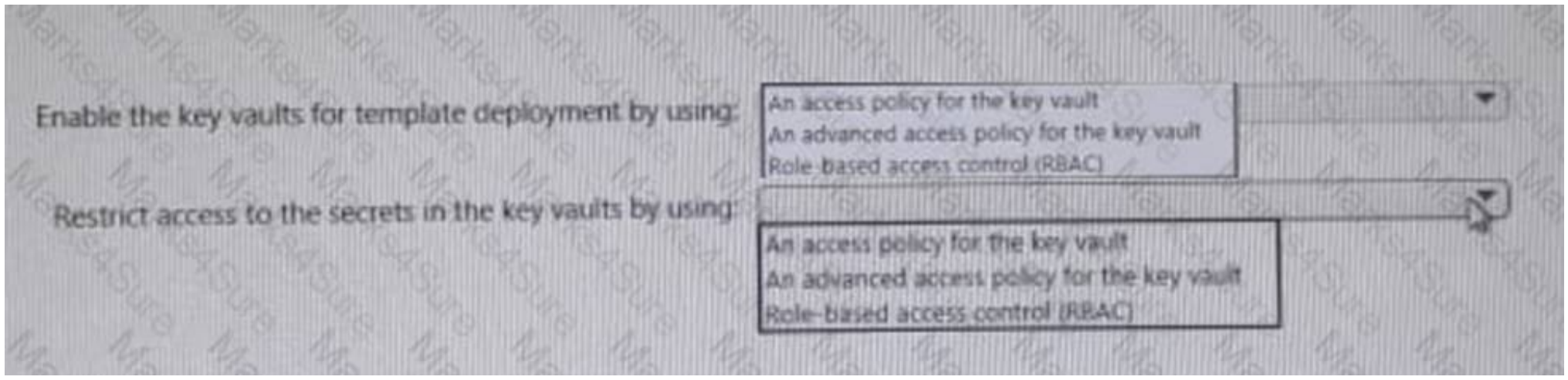
A. Mastered
B. Not Mastered

Answer: A

Explanation:



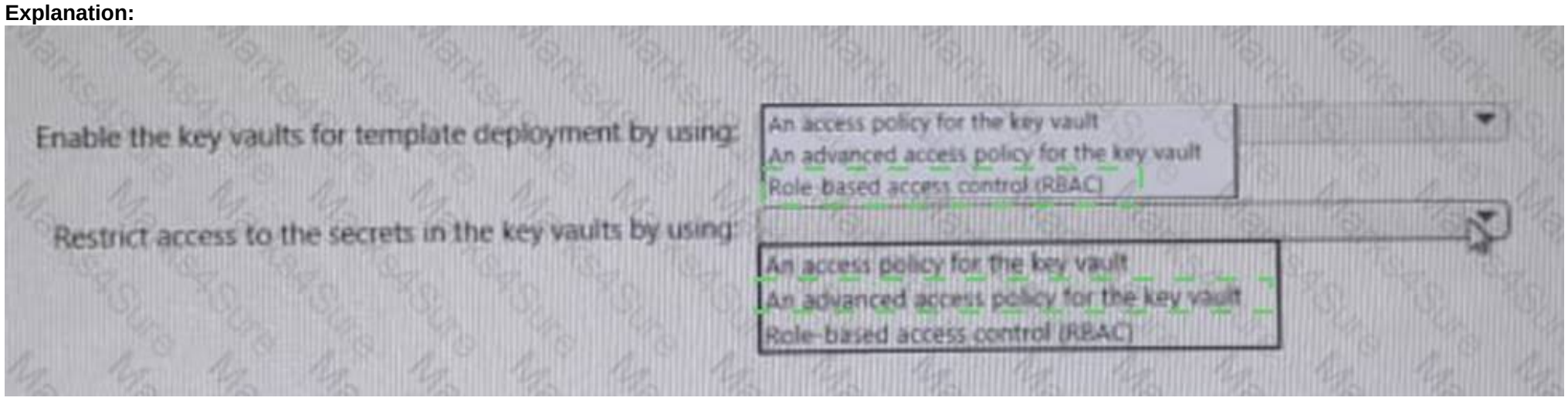
NEW QUESTION 8
- (Exam Topic 1)
You deploy Azure service by using Azure Resources Manager templates. The template reference secrets are stored in Azure key Vault.
You need to recommend a solution for accessing the secrets during deployments. The solution must prevent
the users who are performing the 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.



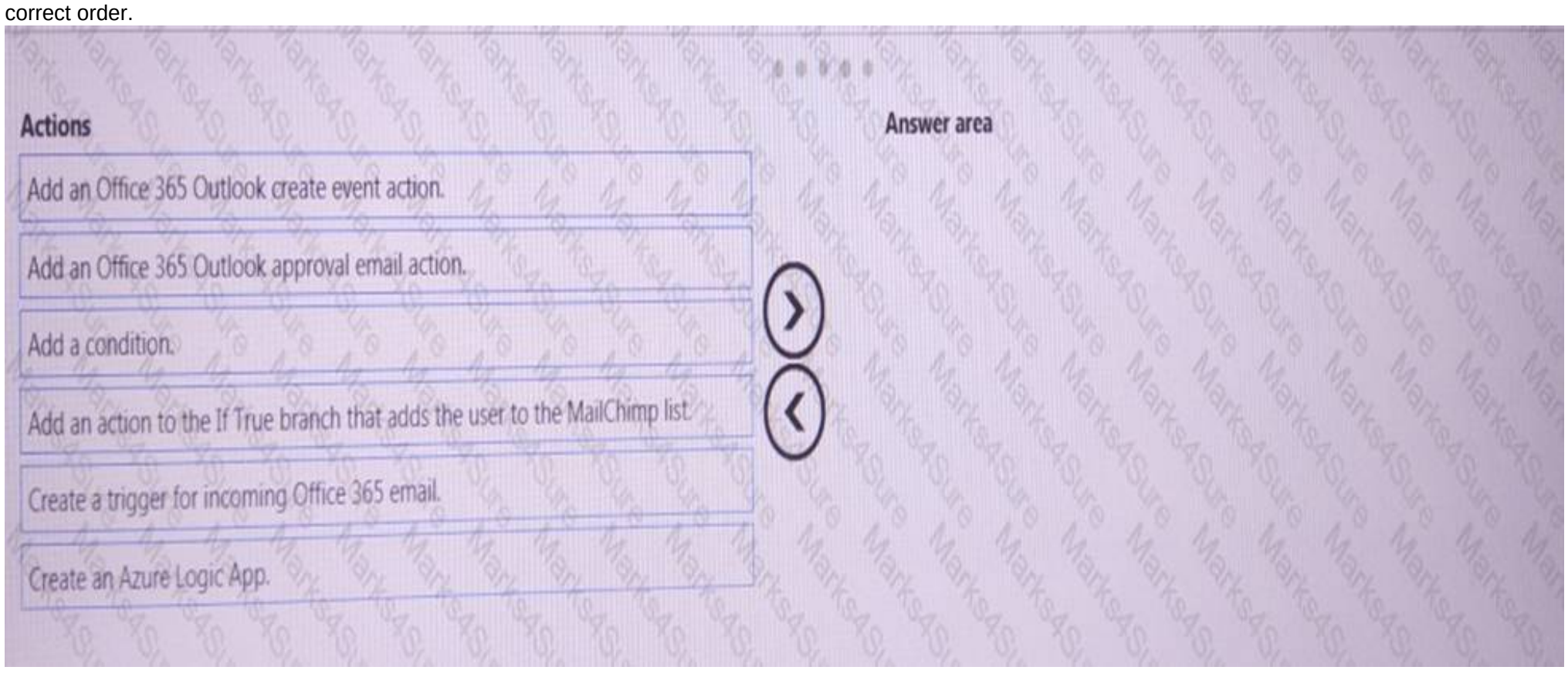
A. Mastered
B. Not Mastered

Answer: A

Explanation:



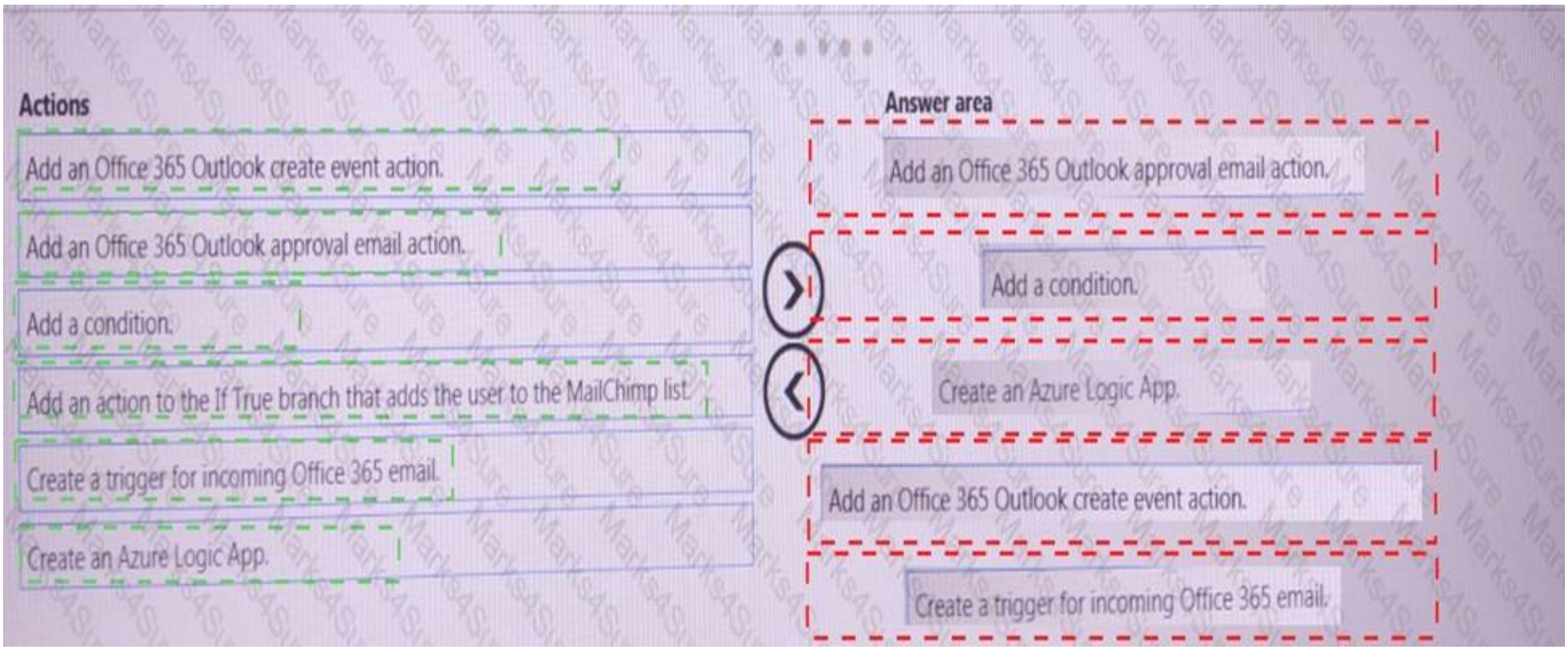
NEW QUESTION 9
- (Exam Topic 1)
You develop cloud solutions for an organization. The organization creates a mailing list for each new project that is announced to the public. You add users manually to a MailChimp list when a request email is sent to a community manager's Microsoft Office 365 email account.
You need to automate the process of adding new users to the MailChimp list by using an Azure Logic App.
Which five 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:

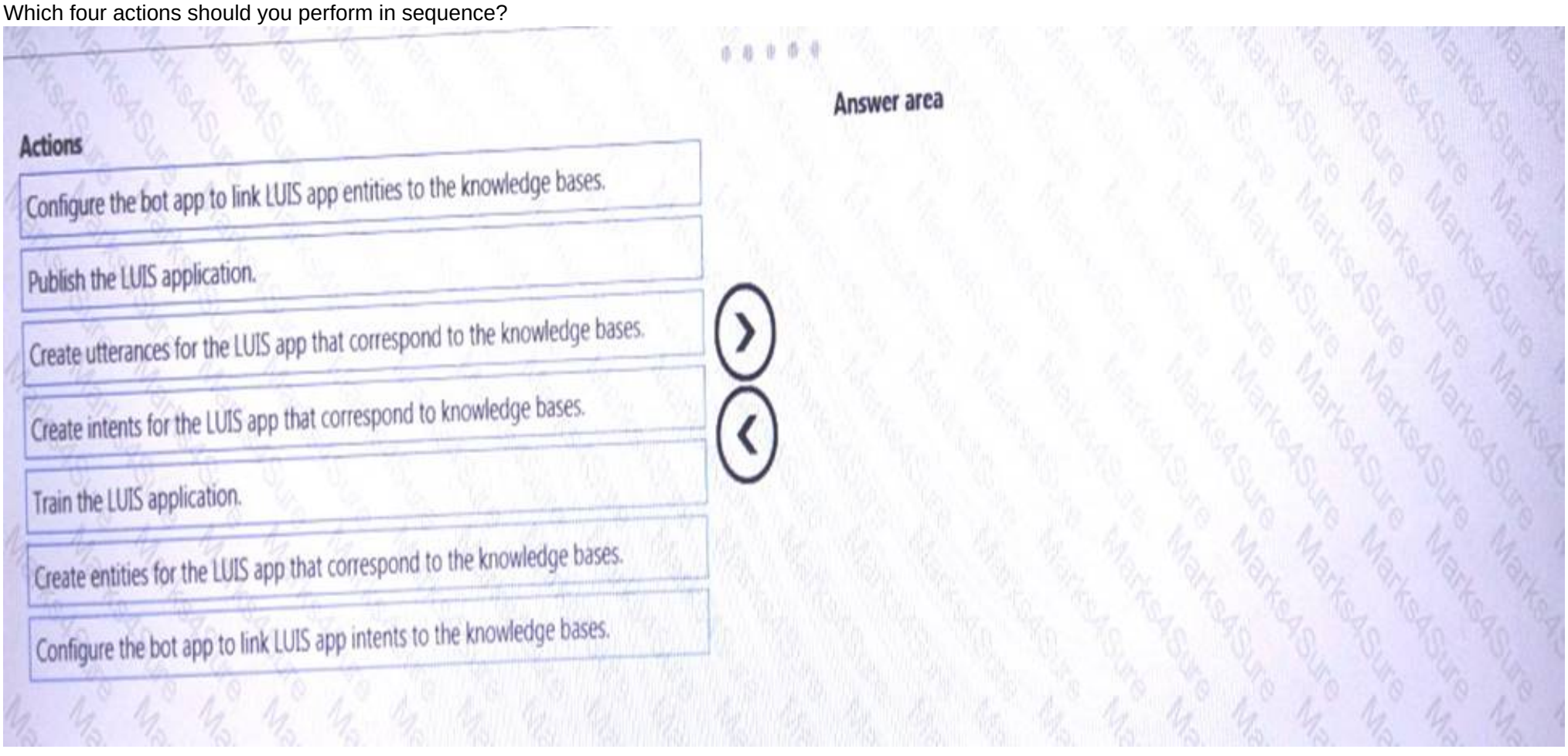


NEW QUESTION 10
- (Exam Topic 1)
You plan to deploy an API by using Azure API Management.
You need to recommend a solution to protect the API from a distribute derail of service (DDoS) attack. What should you recommend/

A. Create network security groups (NSG)
B. Enable rate limiting
C. Strip the Power-By response header
D. Enable quotas.

Answer: A

NEW QUESTION 10
- (Exam Topic 1)
Your company develops a bot that uses QnA Maker knowledge bases and Language Understanding Intelligence Services (LUG). You create the QnA Maker service. knowledge bases, and the LUIS app.
The bot application must use LUIS to determine which QnA Maker knowledge base to use.
You need to integrate LUIS with the QnA Maker knowledge bases and maximize the effectiveness for selecting the QnA Maker knowledge bases before testing the bot.
Which four actions should you perform in sequence?

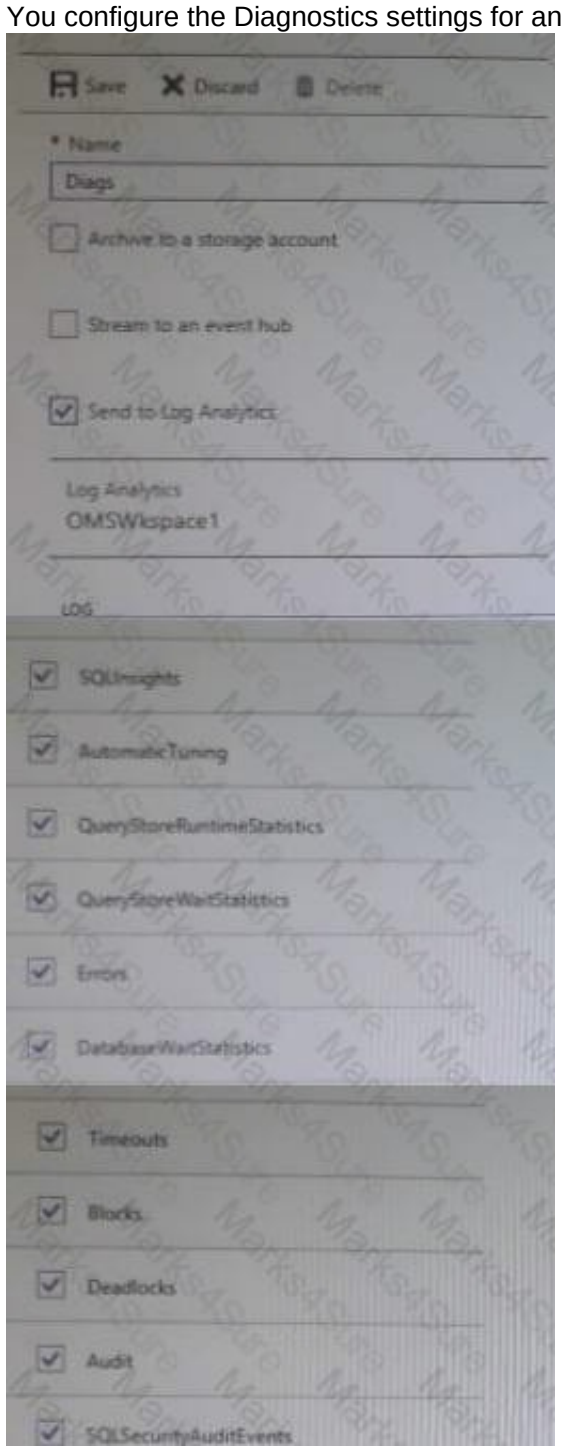


A. Mastered
B. Not Mastered

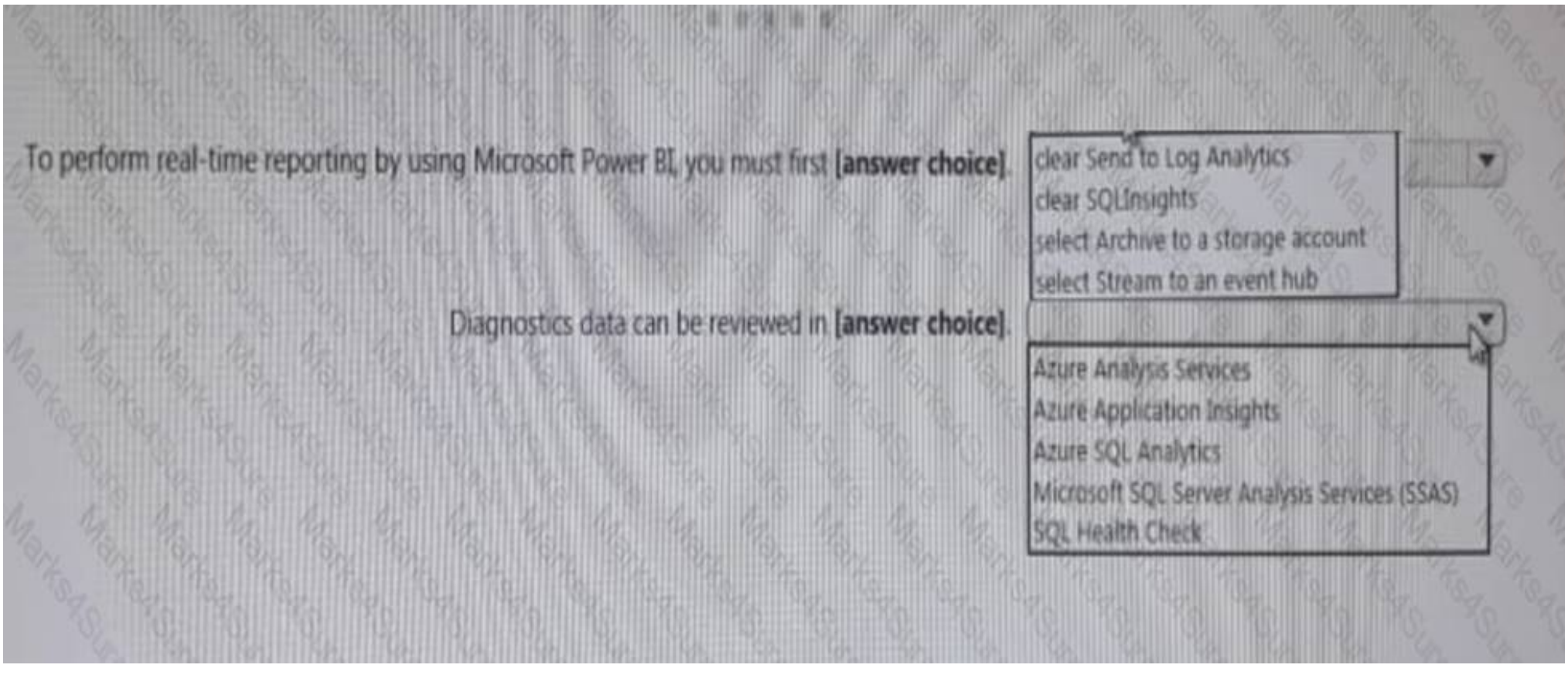
Answer: A

Explanation:

NEW QUESTION 11
- (Exam Topic 1)
You configure the Diagnostics settings for an Azure SQL database as shown in the following exhibit.



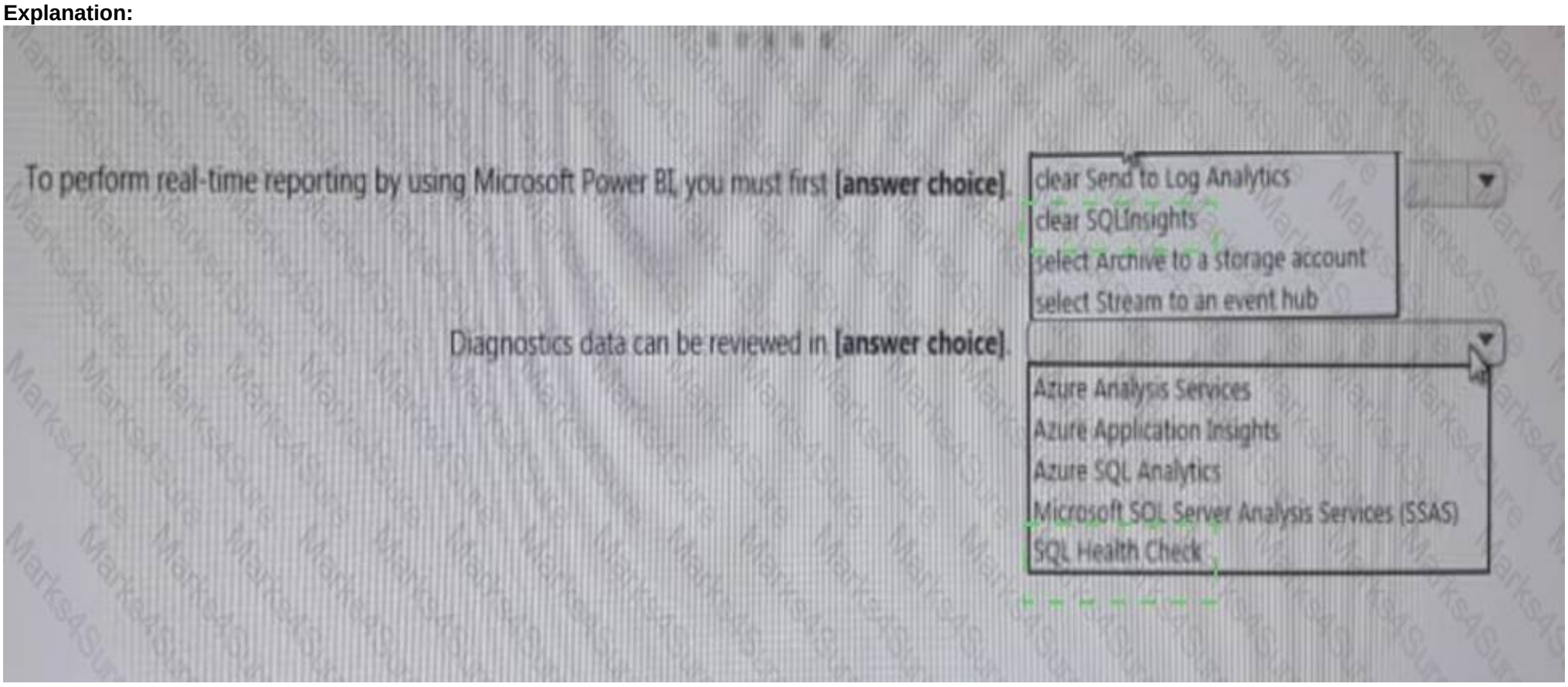
Use the drop-down menus to select the answer choice that completes each statement based on The information presented in the graphic.
NOTE: Each coned selection is worth one point.



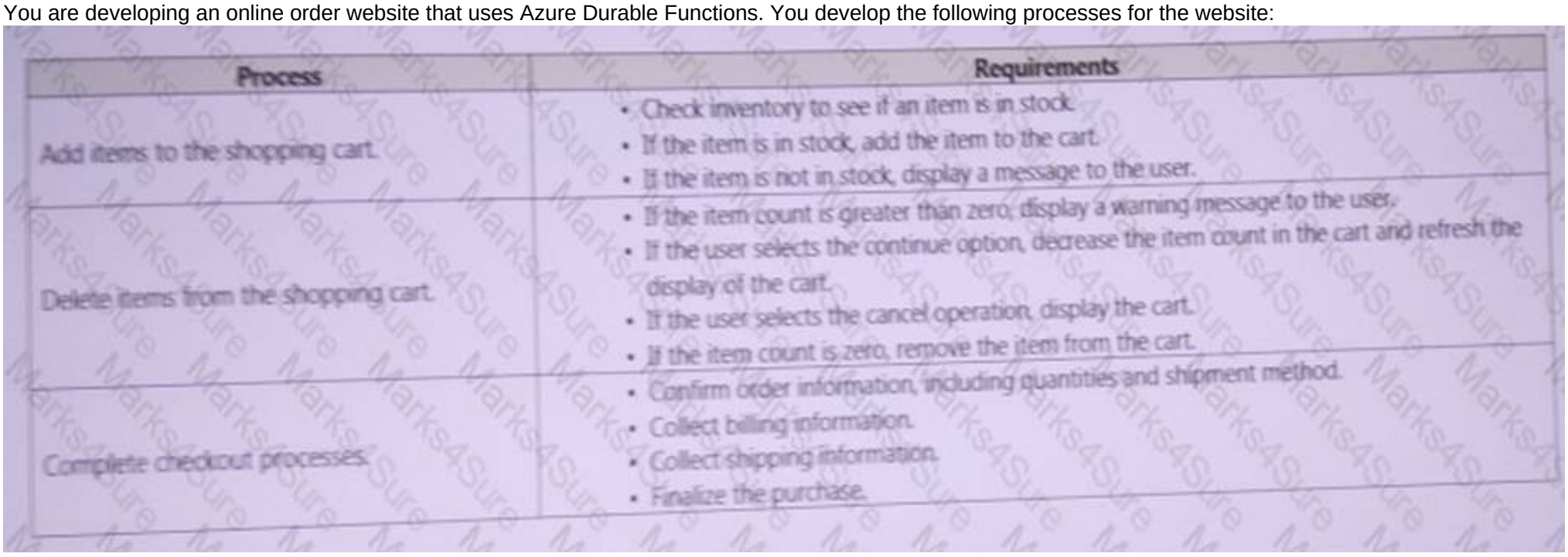
A. Mastered
B. Not Mastered

Answer: A

Explanation:

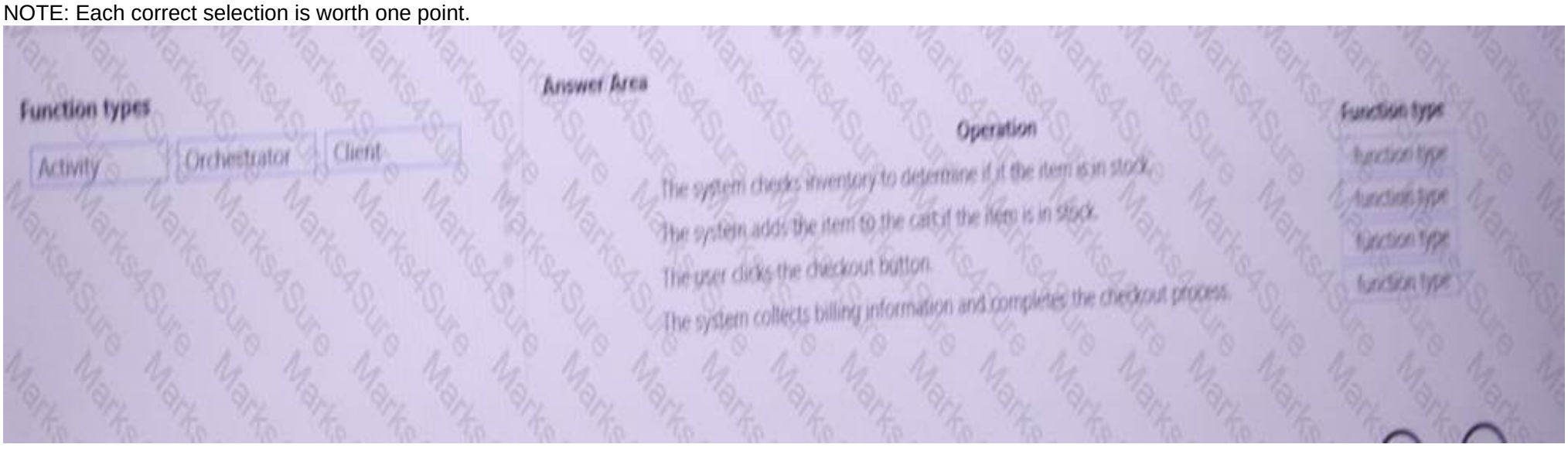


NEW QUESTION 13
- (Exam Topic 1)
You are developing an online order website that uses Azure Durable Functions. You develop the following processes for the website:



Process	Requirements
Add items to the shopping cart.	• Check inventory to see if an item is in stock. • If the item is in stock, add the item to the cart. • If the item is not in stock, display a message to the user.
Delete items from the shopping cart.	• If the item count is greater than zero, display a warning message to the user. • If the user selects the continue option, decrease the item count in the cart and refresh the display of the cart. • If the user selects the cancel operation, display the cart. • If the item count is zero, remove the item from the cart.
Complete checkout processes.	• Confirm order information, including quantities and shipment method. • Collect billing information. • Collect shipping information. • Finalize the purchase.

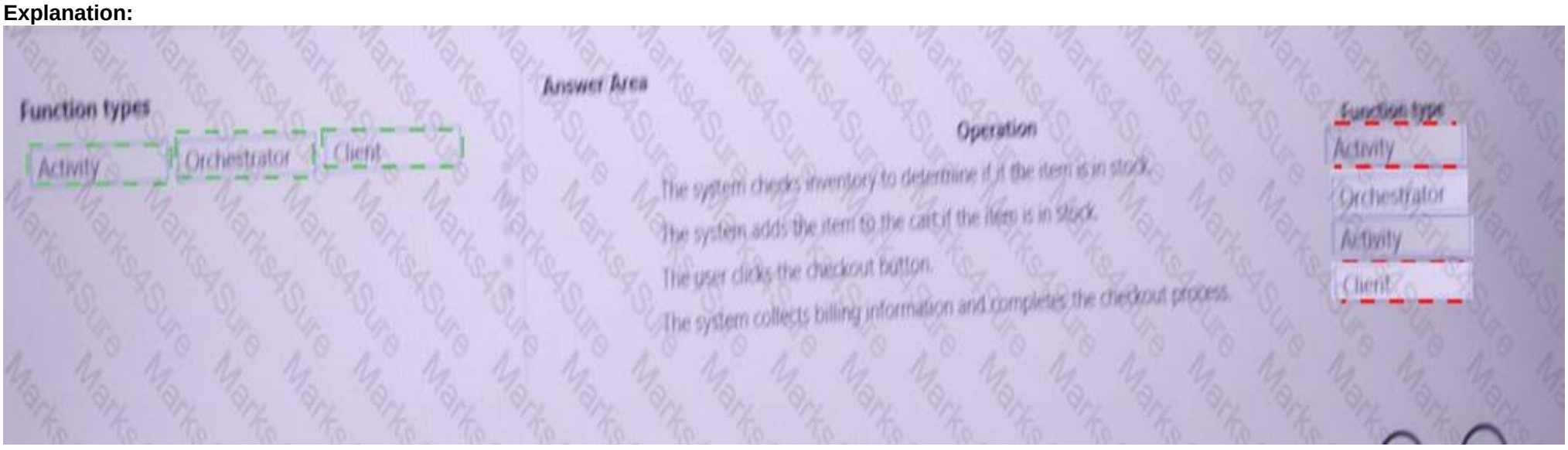
You need to identify what types of functions to use for each step of the process.
Which function types should you use? To answer, drag the appropriate function types to the correct operations. Each function type may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.
NOTE: Each correct selection is worth one point.



A. Mastered
B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 18
- (Exam Topic 1)
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
```

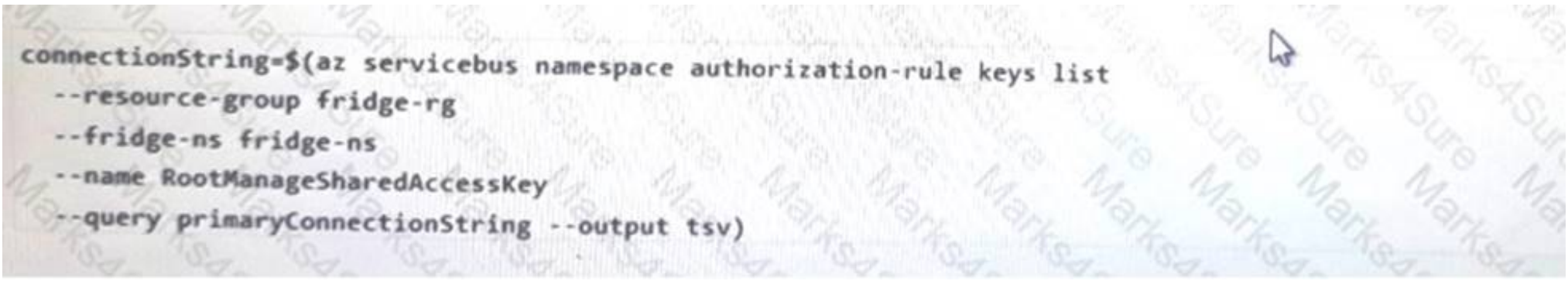
B)

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

C)

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

D)



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

Answer: D

NEW QUESTION 23
- (Exam Topic 1)
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?

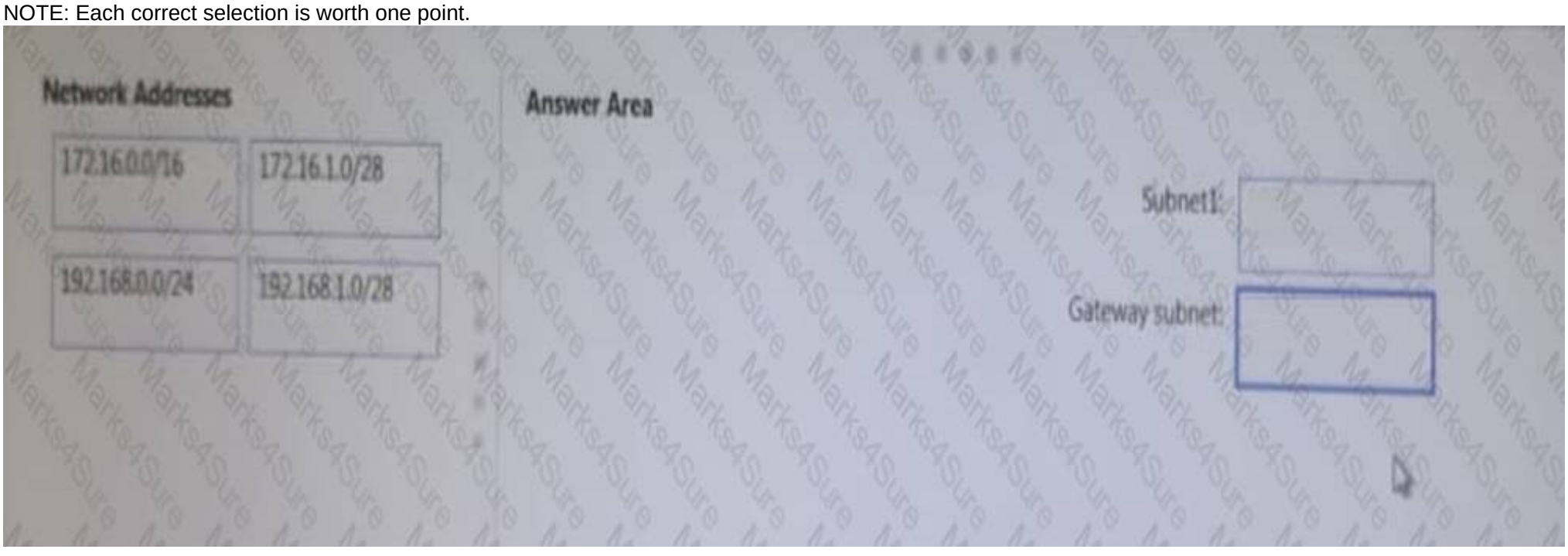
A. Azure Cost Management
B. Azure Migrate
C. Azure pricing calculator
D. Azure Advisor recommendations

Answer: A

NEW QUESTION 27
- (Exam Topic 1)
You have an on-premises network that uses on IP address space of 172.16.0.0/16 You plan to deploy 25 virtual machines to a new azure subscription.
You identity the following technical requirements.

- All Azure virtual machines must be placed on the same subnet subnet1.
- All the Azure virtual machines must be able to communicate with all on premises severs.
- The servers must be able to communicate between the on-premises network and Azure by using a site to site VPN.

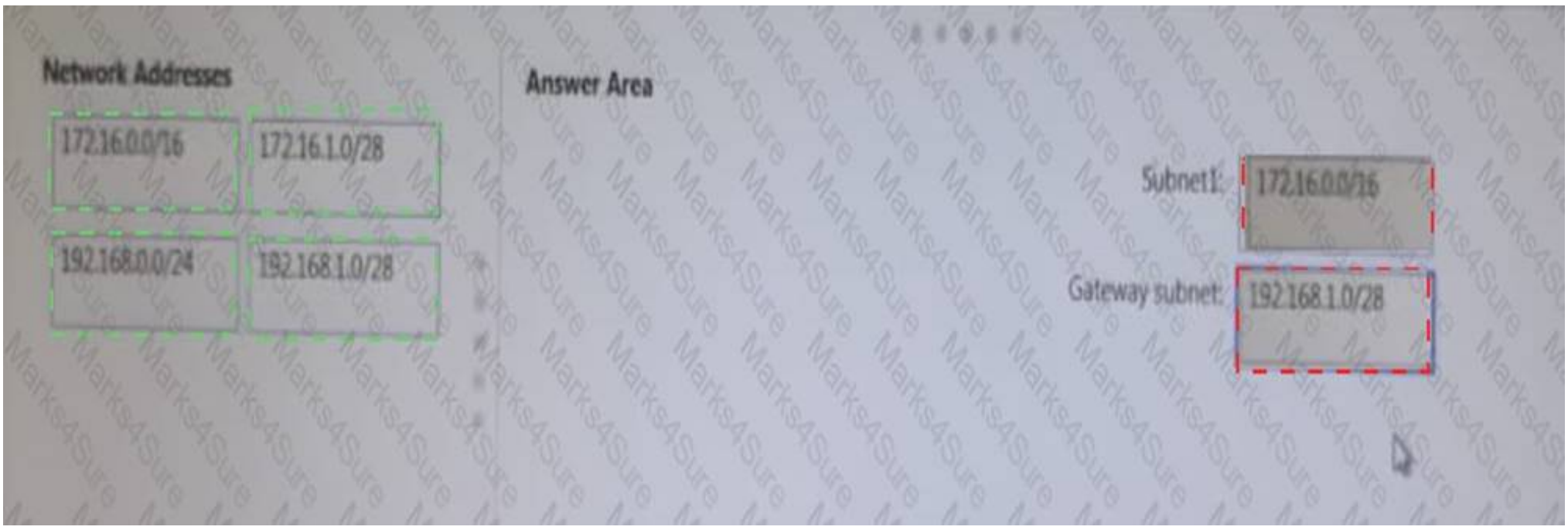
You need to recommend a subnet design that meets the technical requirements.
What should you include in the recommendation? To answer, drag the appropriate network addresses to the correct subnet. Each network address may be used once, more than once or not at all. You may need to drag the split bar between panes or scroll to view content.
NOTE: Each correct selection is worth one point.



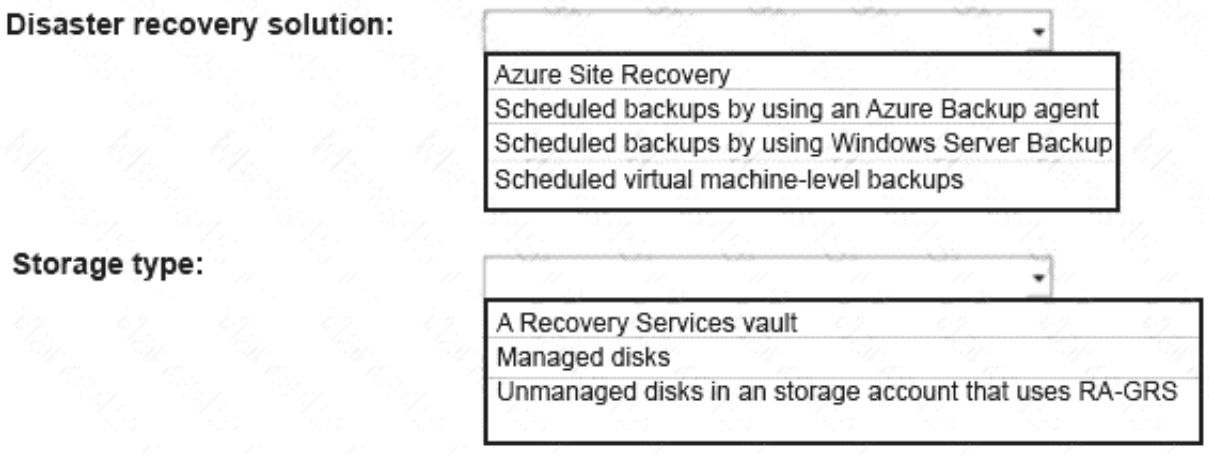
A. Mastered
B. Not Mastered

Answer: A

Explanation:



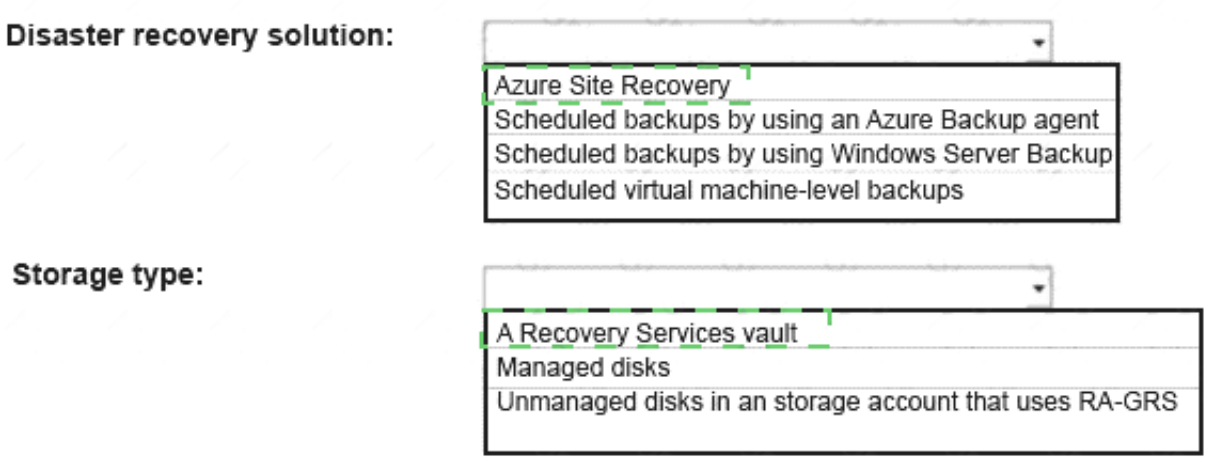
NEW QUESTION 31
- (Exam Topic 1)
You have 20 Azure virtual machines that run windows Server 2016 based on a custom virtual machine image. Each virtual machine an instance of a VSS-capable app that was developed in-house. Each instance is accessed by public endpoint . Each instance separate database. The average database size is 200 GB.
You need to design a disaster recovery solution for individual instances.
• Provide a recovery objective time object (RTO] of six hours.
• Provide a recovery point objective (RPO) at eight hours.
• Support recovery to a different Azure region.
• Support VSS- based backups.
• Minimize VSS-based backups.
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:



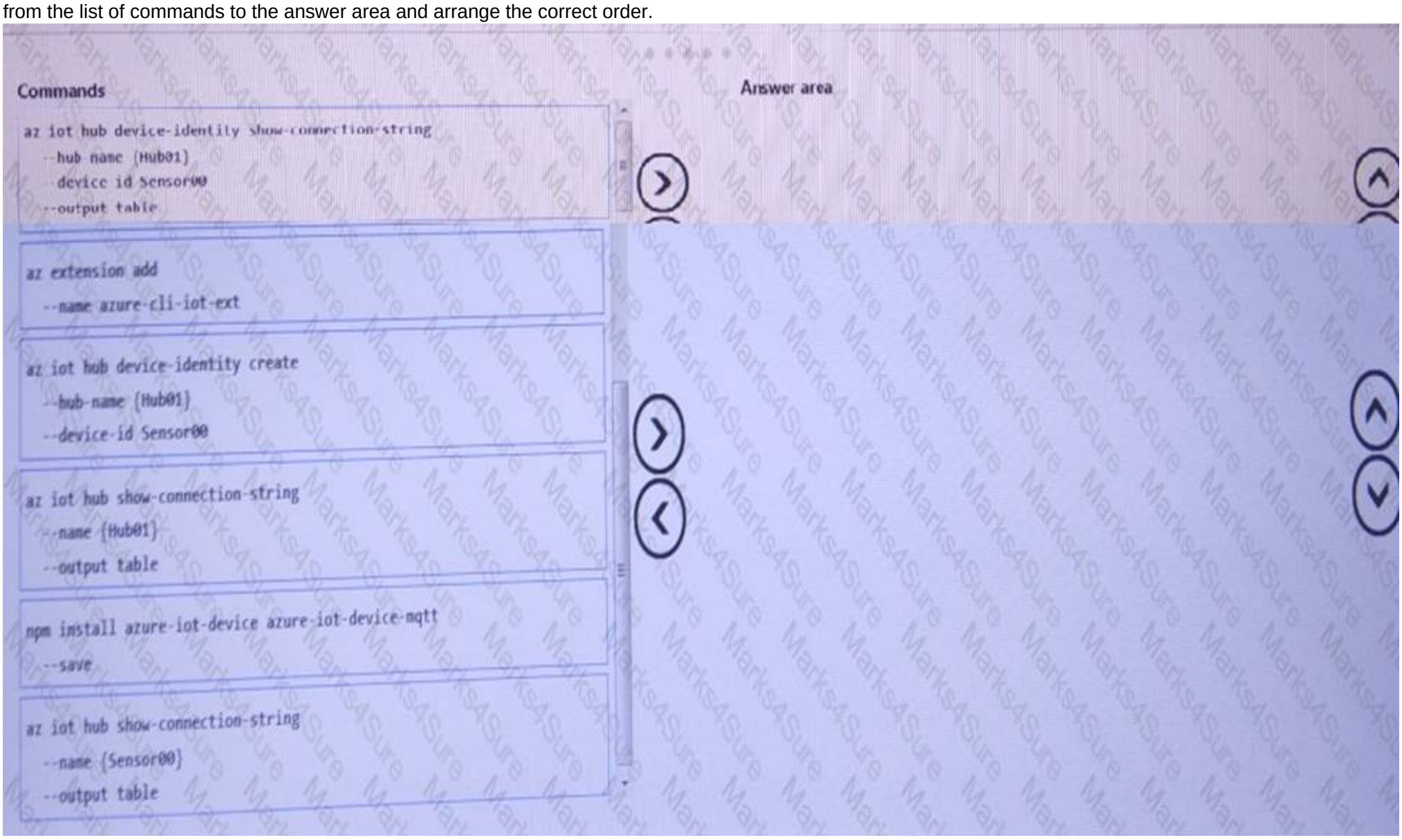
NEW QUESTION 34
- (Exam Topic 1)
Your development team plans to use an Azure subcription to test new applications. The application will reside on Azure virtual machines. The developers will be responsible for managing the subscription shared resources will be used by more than one appliacation.
You need to recommend a deplyment solution that meets the following requirements: Minimize administration effort for the develops
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 -.pacific in a resources in second resource group
E. Use an Azure PowerShell script lo 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

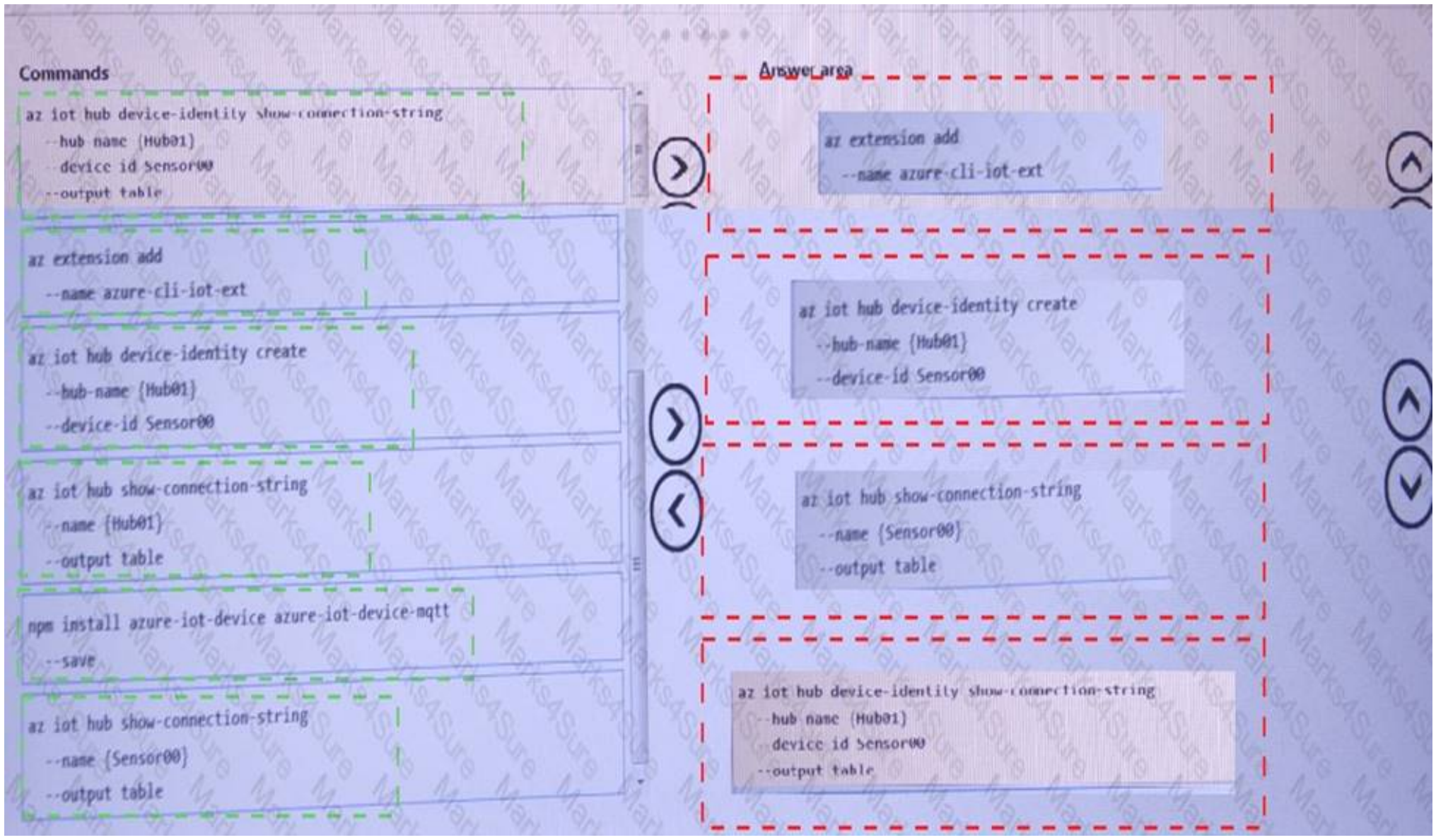
NEW QUESTION 37
- (Exam Topic 1)
You develop an loT solution by using Node.js. The solution is ready to deploy to the production environment. You must implement the device twin capabilities of Azure IoT Hub. You must register a sensor named Sensor 1. The IoT Hub name is Hub01.
You need to register the endpoint with ContosoHub01l 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:



NEW QUESTION 39
- (Exam Topic 1)
You create a social media application that users can use to upload images and other content.
Users report that adult content is being posted in an area of the site that is accessible to and intended for young children.
You need to automatically detect and flag potentially offensive content. The solution must not require any custom coding other than code to scan and evaluate images.
What should you implement?

A. Bing Visual Search
B. Image Moderation
C. Custom Vision Search
D. Bing Web Search

Answer: A

NEW QUESTION 42
- (Exam Topic 1)
You are developing a web app that uses a RFST 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 al may need to drag the split bat 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 45
- (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 tor the payroll system. The solution must meet the following requirements:
• Minimize costs.
• Provide business continuity it 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. Azure Site Recovery
C. Azure Backup
D. unmanaged disks that use geo-redundant storage (GRS)

Answer: D

NEW QUESTION 50
- (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

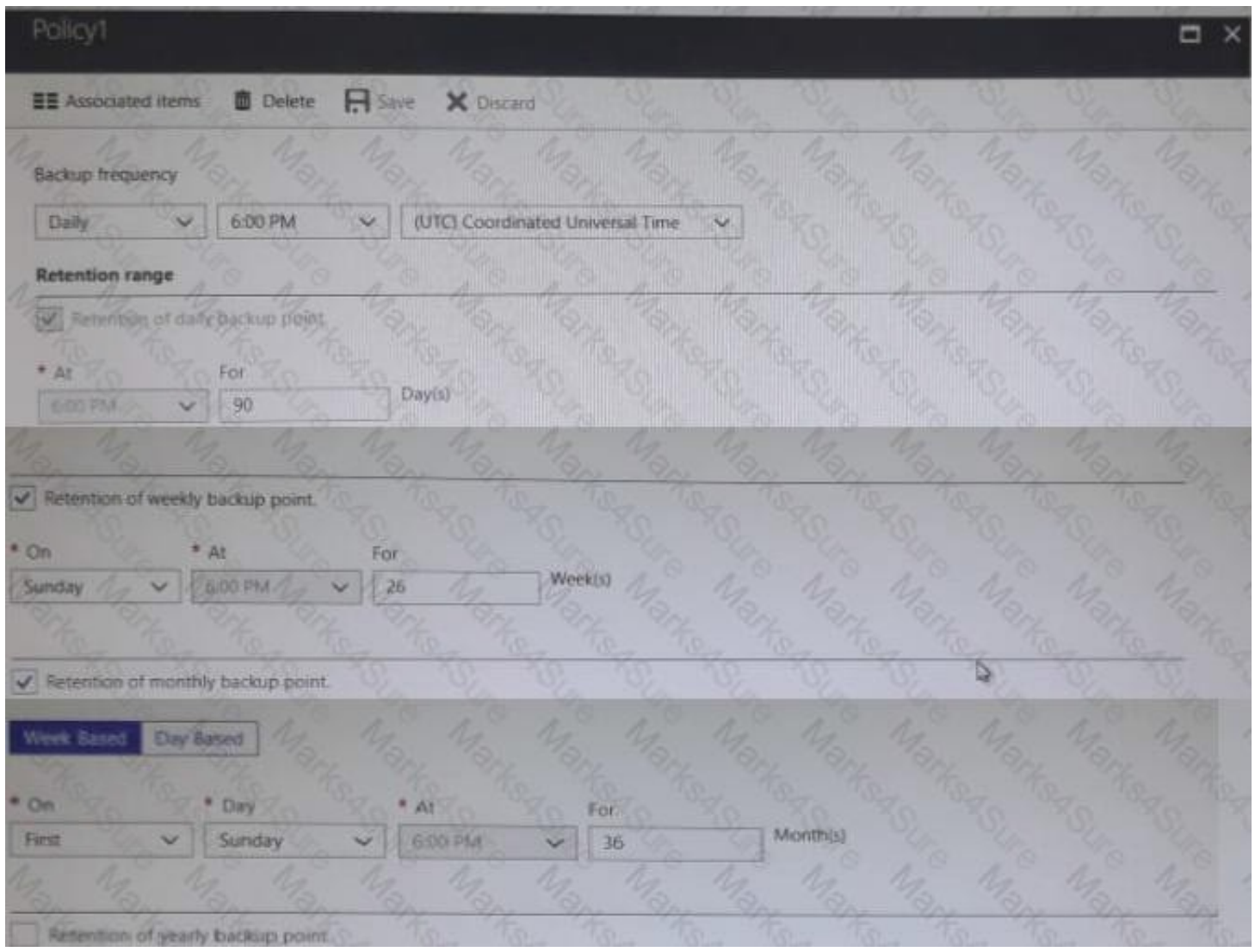
NEW QUESTION 51
- (Exam Topic 1)
You need to deploy resources to host a stateless web app in an Azure subscription. The solution must meet the following requirements:
• Provide access to the full .NET framework.
• Provide redundancy if an Azure region fails.
• Grant administrators access to the operating system to install custom application dependencies.
Solution: You deploy an Azure virtual machine to two Azure regions, and you deploy an Azure Application Gateway.
Does this meet the goal?

A. Yes
B. No

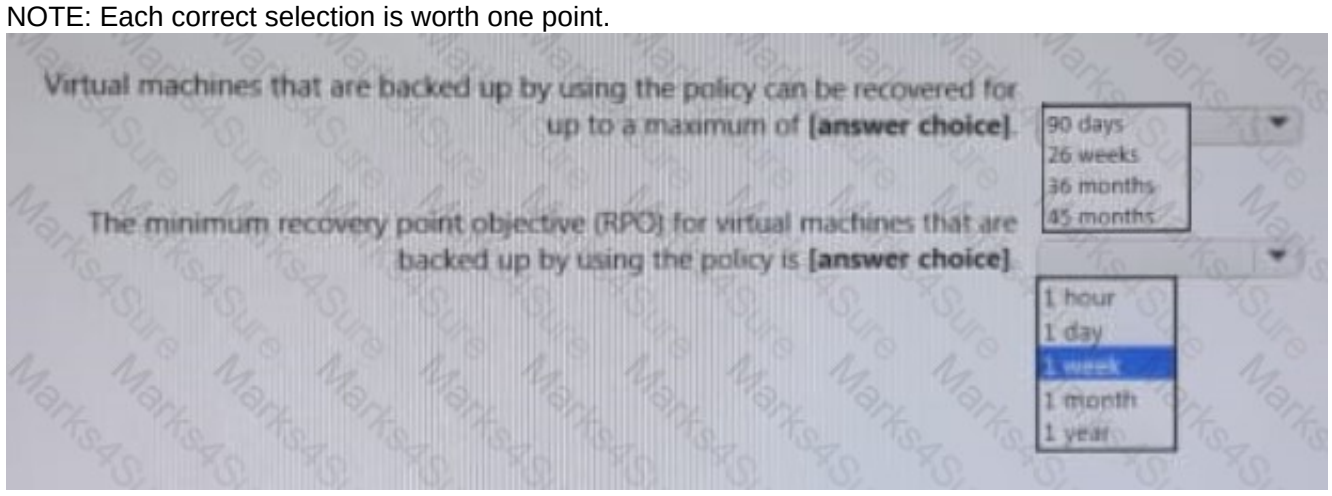
Answer: B

Explanation:
An Azure Application Gateway can connect to backend VMs in separate availability zones but not separate regions. Availability Zones are unique physical locations within an Azure region.

NEW QUESTION 55
- (Exam Topic 1)
You plan to deploy the backup shown in the following exhibit.



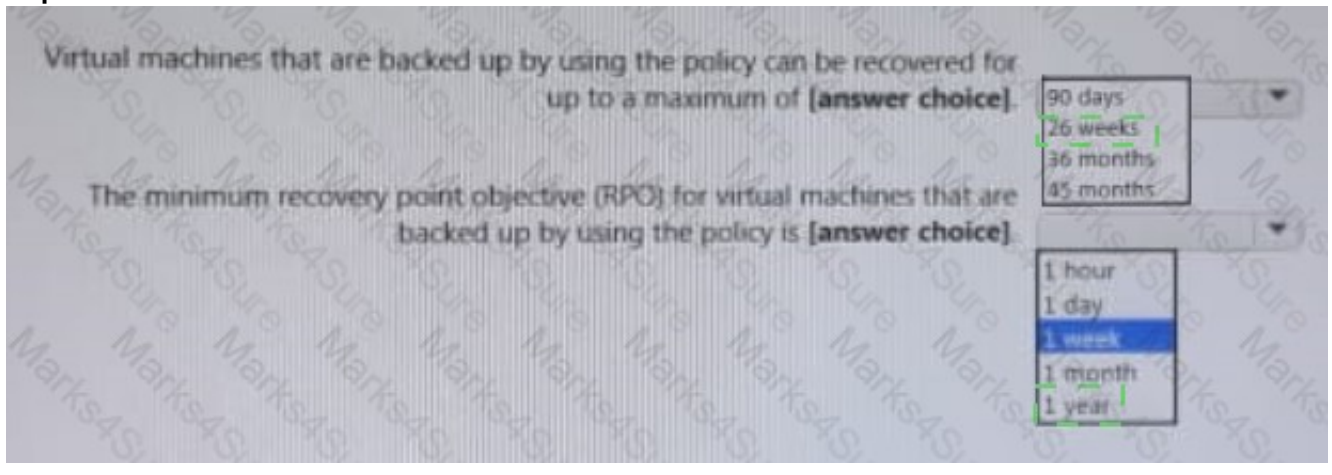
Use the drop-down to select the answer choice that completes each statement based on the information presented in the graphic.
NOTE: Each correct selection is worth one point.



A. Mastered
B. Not Mastered

Answer: A

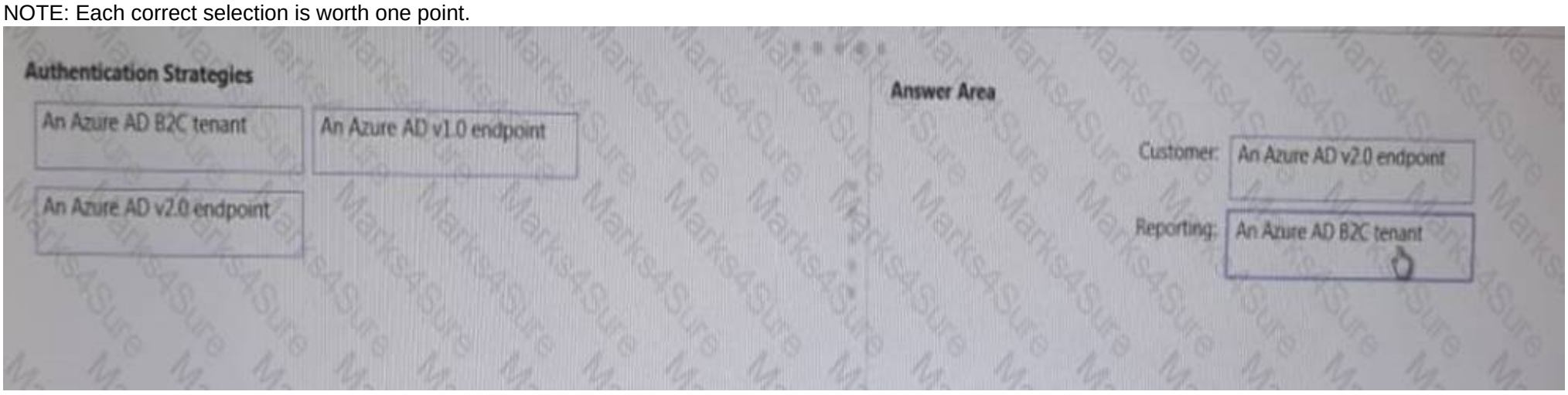
Explanation:



NEW QUESTION 56
- (Exam Topic 1)
A company named Contoso, Ltd. has an Azure Active Directory (Azure AD) tenant that uses the BAsic license.
You plan t 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.

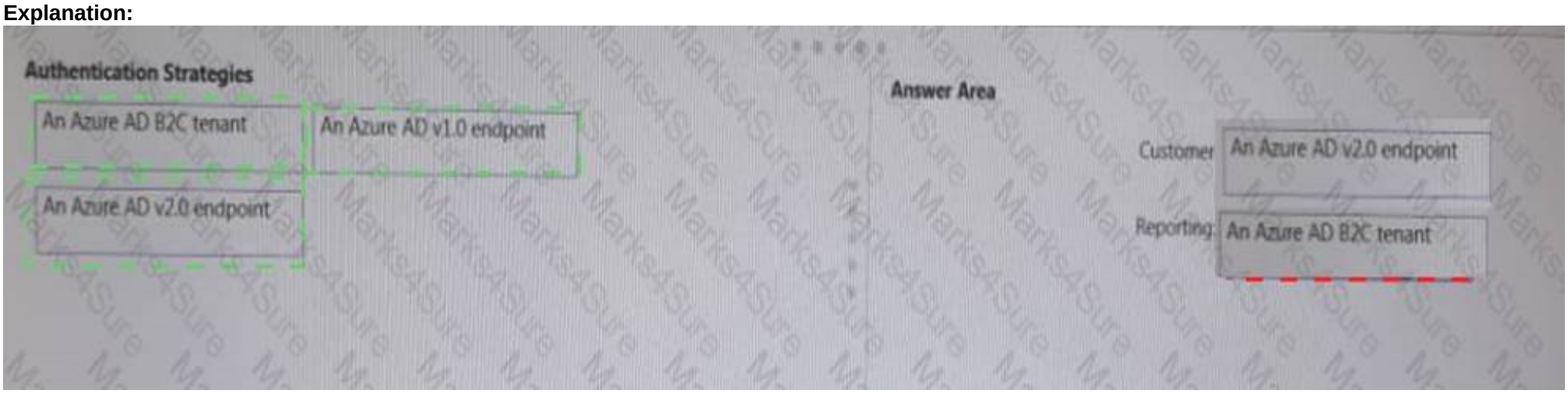
Which authentication Strategy should you recommend for each application? To answer, drag the appropriate authentication strategies to the correct applications. Each authentication strategy may be used once more than once, or not at all. You may need to drag the split bar between panes or scroll to view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



A. Mastered
B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 61
- (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 use ASP.NET Core MVC with ADO.NET lo develop an application. You implement database shard.ng 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:
Deploy a SQL database instance in an Azure Virtual Machine (VM).
• Establish linked servers to each Azure SQL Database instance from the SQL Server instance in the VM.
• Create a stored procedure in the VM that performs the update operations using a distributed transaction and commits them if successful.
• Run the SQL stored procedure on the SQL Server instance in the VM. Does the solution meet the goal?

A. Yes
B. No

Answer: A

NEW QUESTION 65
- (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 67
- (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 it an Azure legion 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 69
- (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 accoun
G. Configure Azure Site Recover
H. If a failure occurs, initiate a manual failover.
I. Store disks in a Standard_GRS storage accoun
J. If a disaster occurs, manually create the virtual machines by using Azure Resource manager templates.

Answer: D

NEW QUESTION 71
- (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 Manage (DPM)
B. unmanaged disks that use geo-redundant storage (GRS)
C. Azure Site Recovery
D. Azure Backup

Answer: B

NEW QUESTION 76
- (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 78
- (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 .Ni I framework.
. Provide redundancy if an Azure region fate
. Gram 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

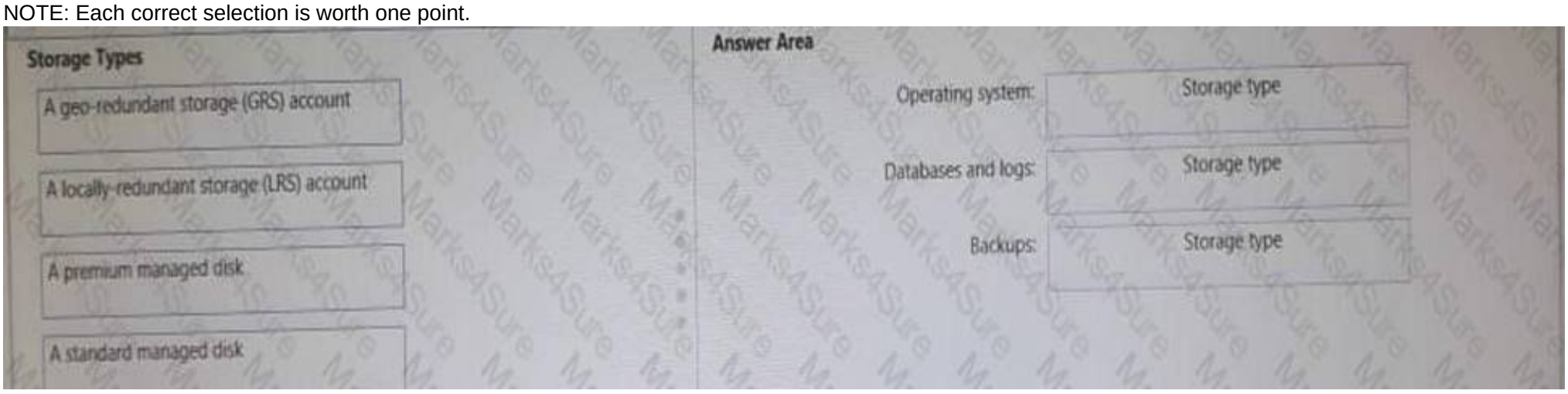
NEW QUESTION 83
- (Exam Topic 1)
You are planning an Azure solution that will host production database for a high-performance application. The solution will include the following components:

Two virtual machines that will run Microsoft SQL Server 2016, will be deployed to different data centers in the same Azure region, and will be part of an Always On availability group.

SQL server data that will be backed up by using the Automated Backup feature of the SQL Server IassS Agent Extension (SQLIaaSExtension)
You identify the storage priorities for various data type as shown in the following table.

Data type	Storage priority
Operating system	Speed and availability
Databases and logs	Speed and availability
Backups	Lowest cost

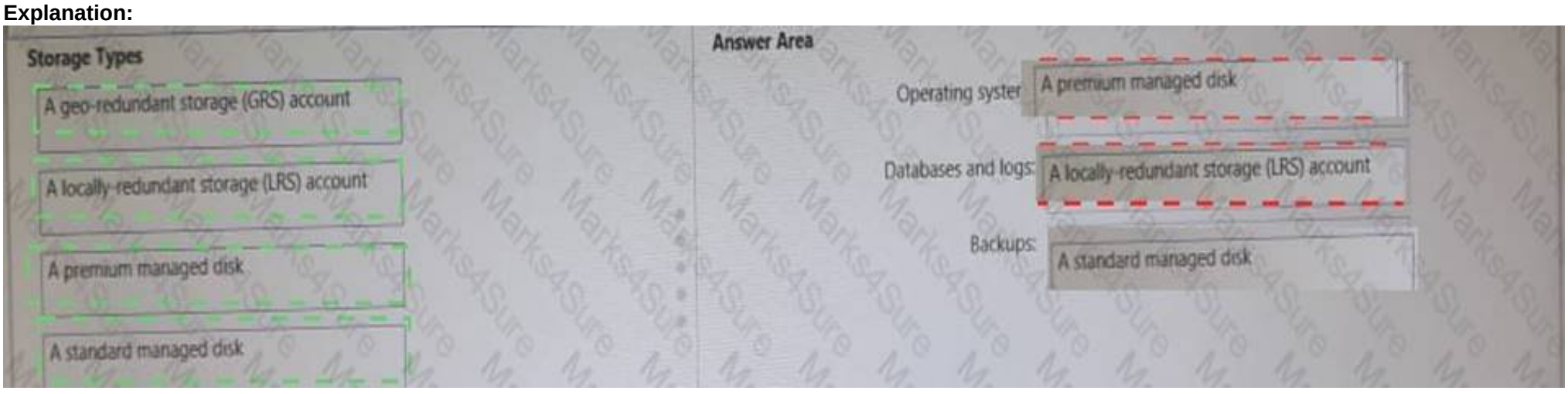
Which storage type should you recommend for each data type? To answer, drag the appreciate storage types to the correct data types. Each storage type may be used once, more than once, or not at all. You may need to drag the spilt bar between panes or scroll to view content.
NOTE: Each correct selection is worth one point.



A. Mastered
B. Not Mastered

Answer: A

Explanation:

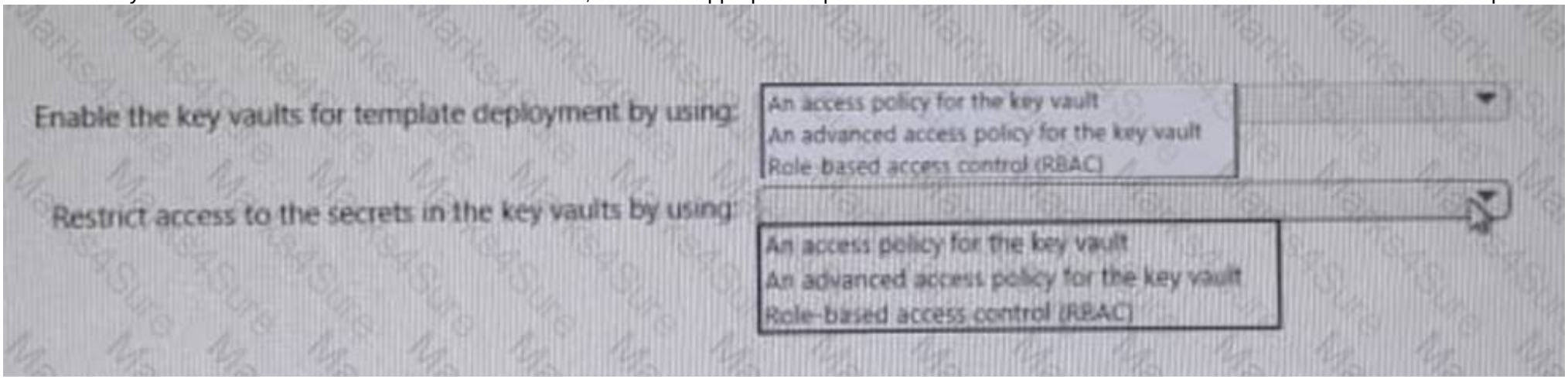


NEW QUESTION 88
- (Exam Topic 1)
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct 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 it an Azure legion 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

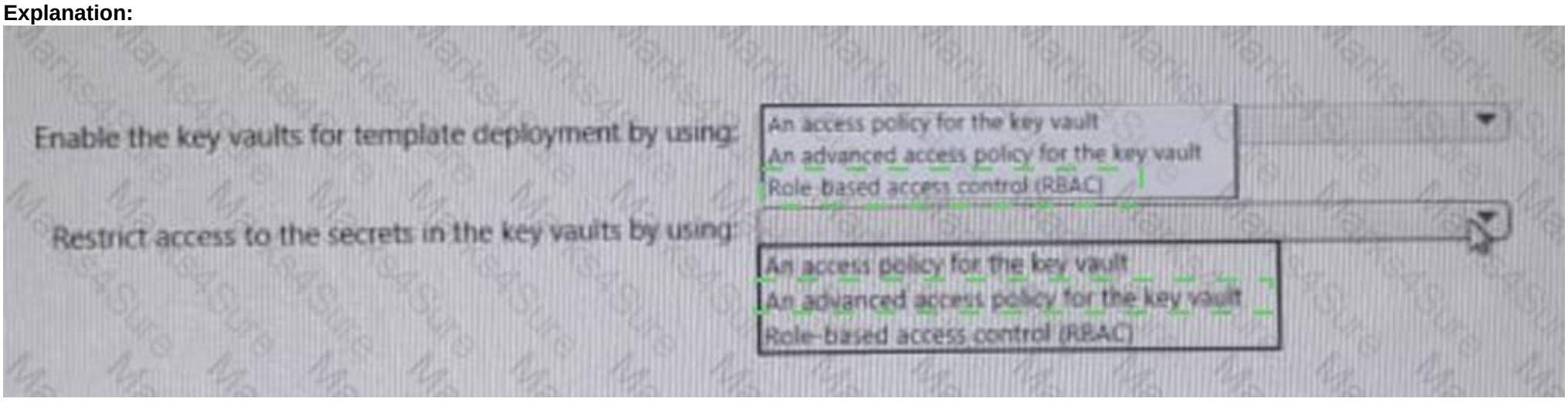
NEW QUESTION 93
- (Exam Topic 1)
You deploy Azure service by using Azure Resources Manager templates. The template reference secrets are stored in Azure key Vault.
You need to recommend a solution for accessing the secrets during deployments. The solution must prevent the users who are performing the 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 97
- (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 101
- (Exam Topic 1)
A company is developing a software as a service (SaaS) solution in Azure for other businesses to manage customers. The solution includes the following Azure SQL Database instances. Customer data exists in all databases.

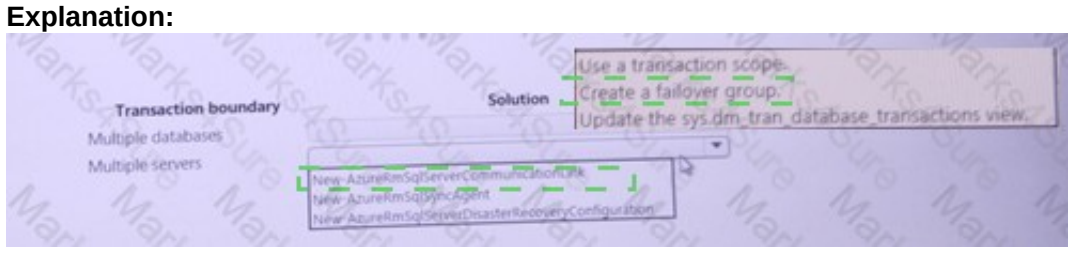
Database	Logical server	Comments
CRM	1	Support customer relationship management functionality.
ERP	1	Support enterprise resource planning efforts, including managing production processes and warehouses.
Marketing	2	Support marketing efforts.

Customers may request that that the company remove data that relates to the customer. If a customer makes a deletion request, all details from the customer must be removed from the solution.
All deletions for a customer must occur in one distributed transaction that includes the CRM. ERP. and Marketing databases.
You need to activate support for transactions over multiple databases on the same logical server and activate support for transactions over multiple logical servers.
Which action and Azure PowerShell command should you use? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

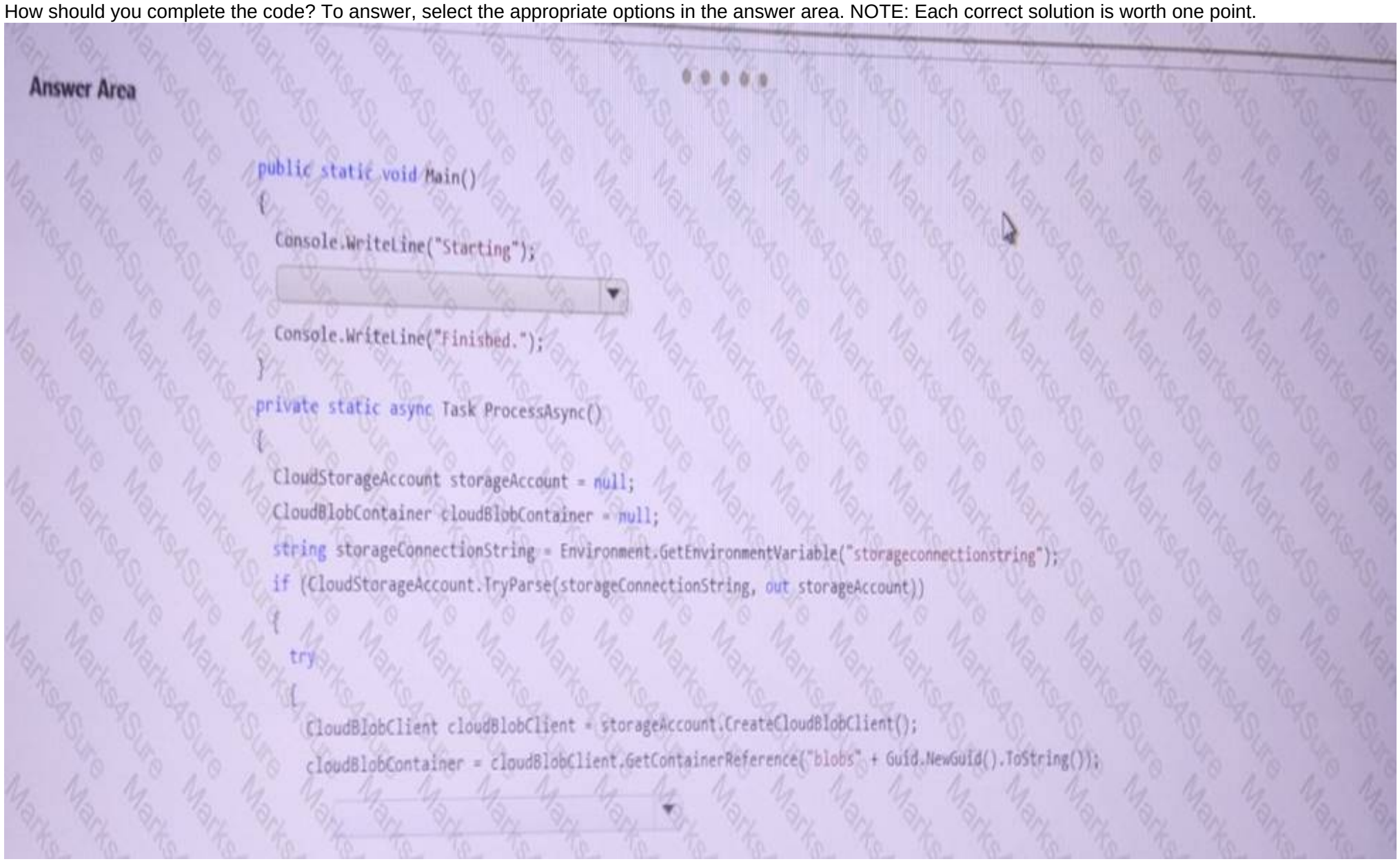
A. Mastered
B. Not Mastered

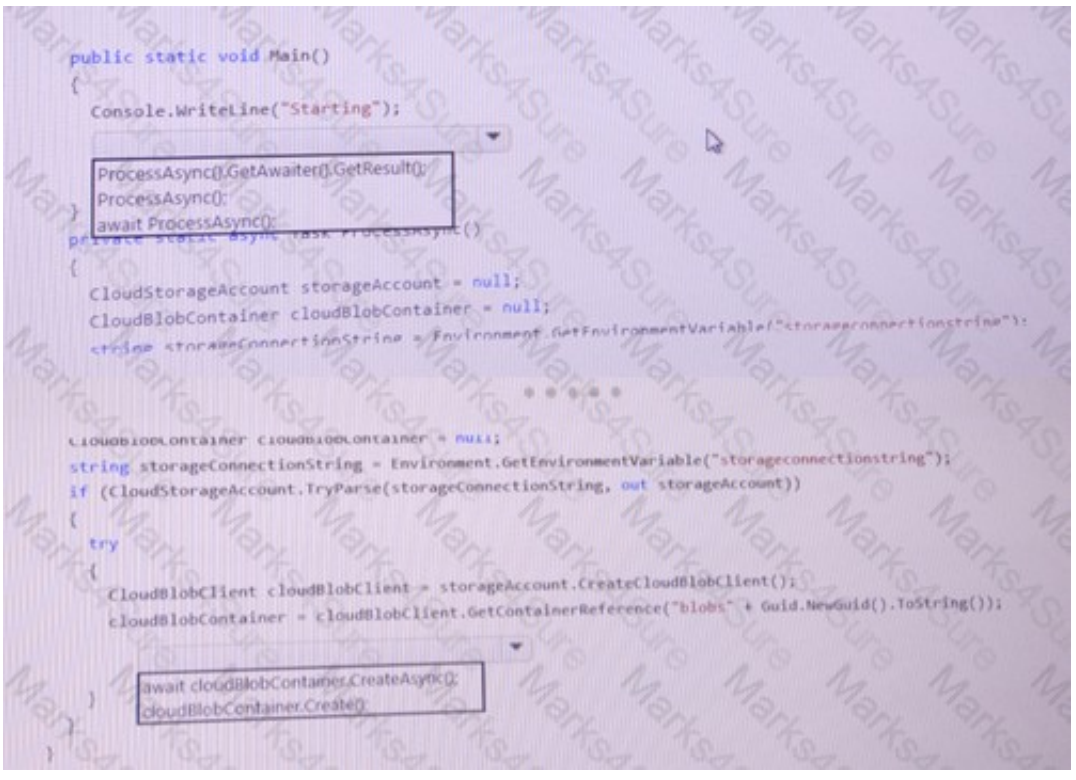
Answer: A

Explanation:



NEW QUESTION 103
- (Exam Topic 1)
A construction company creates three dimensional models from photographs and design diagrams of buildings. The company plans to store high resolution photographs and blueprint files in Azure Blob Storage. The files are currently stored in the construction company's office.
You are developing a tool to connect to Azure Storage, create containers, and then upload the files. The tool must remain responsive to the end user while it is running and performing remote I/O operations. It must also wait for methods to complete before continuing.
You need to complete the configuration.
How should you complete the code? To answer, select the appropriate options in the answer area. NOTE: Each correct solution is worth one point.

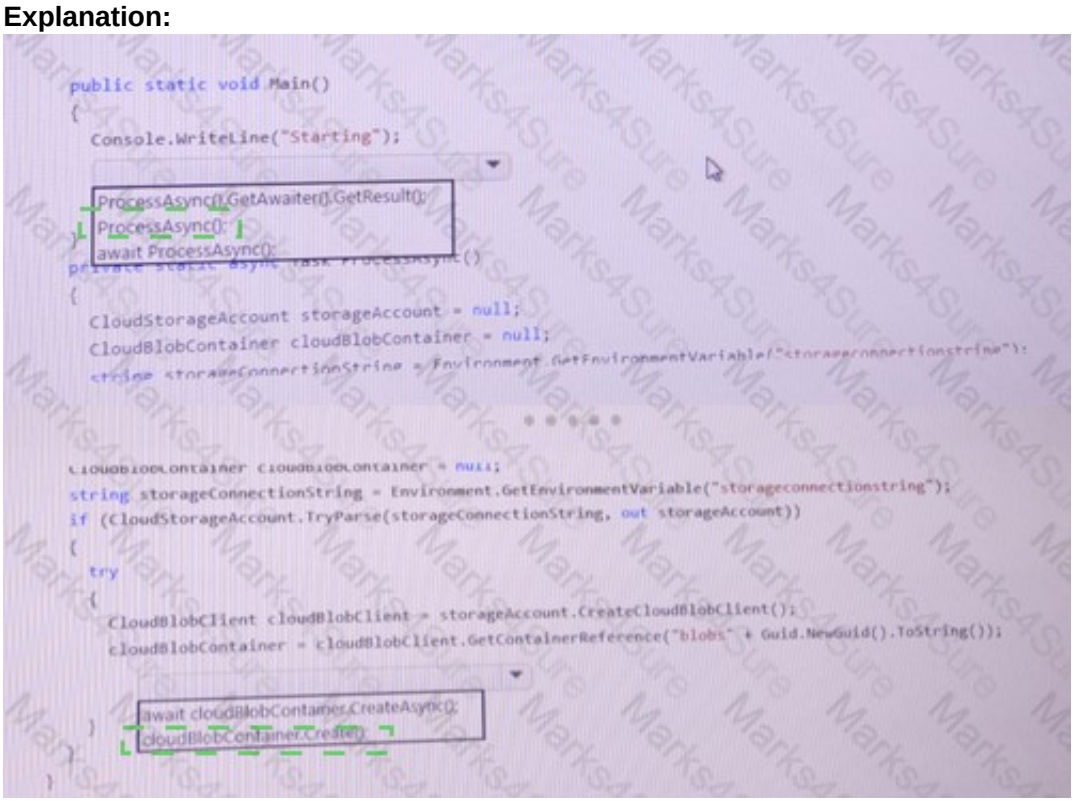




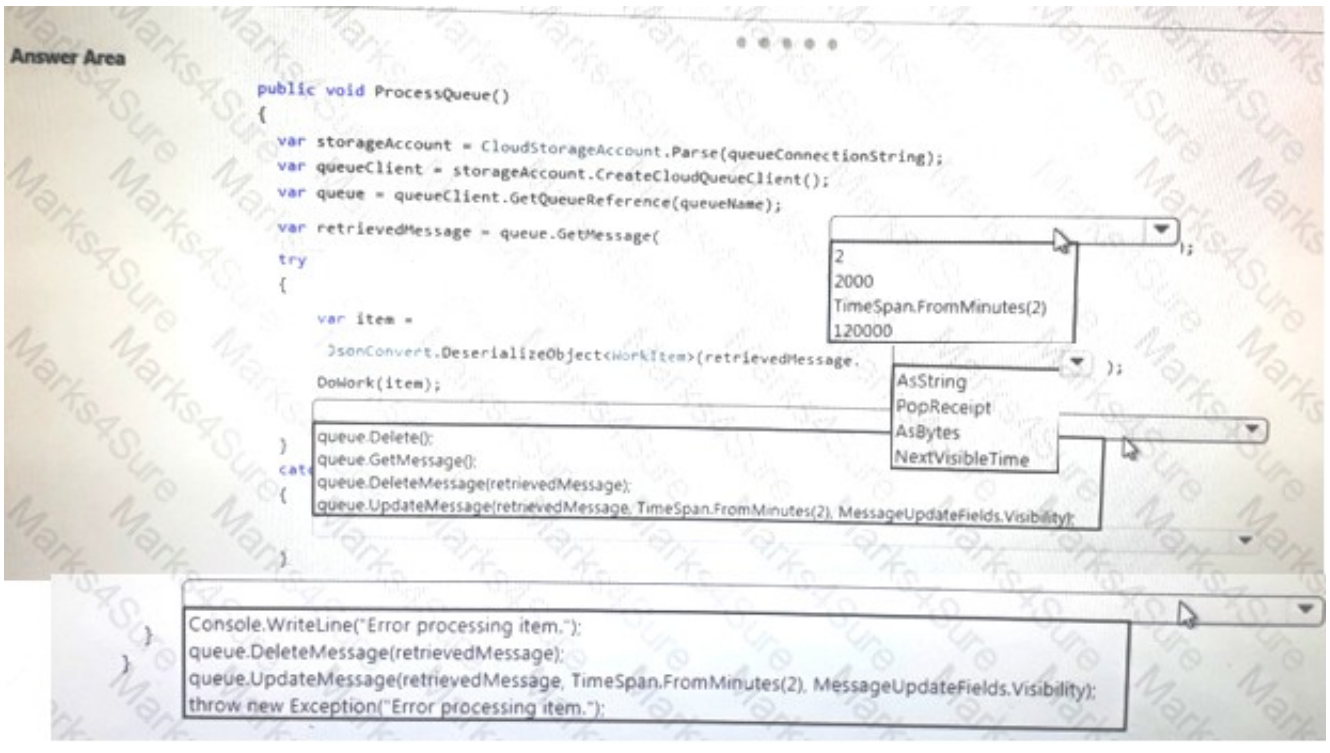
A. Mastered
B. Not Mastered

Answer: A

Explanation:



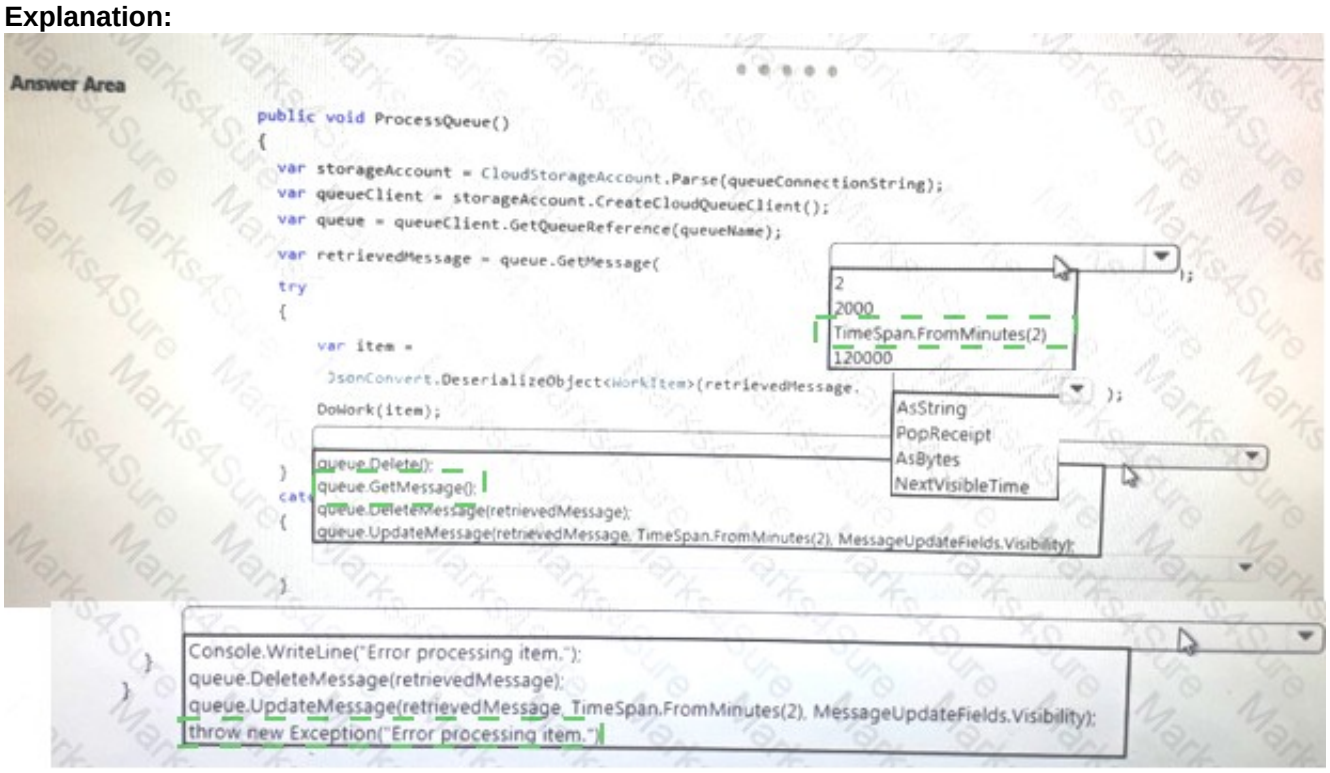
NEW QUESTION 105
- (Exam Topic 1)
An application that you manage has several web front-end instances. Each web front end communicates with a set of back-end worker processes by using an Azure queue. You are developing code for the worker processes. You have a function named DoWork0 that handles d3ta processing tasks.
You need to develop code for the worker processes that meets the following requirements:
• Property access an item from the queue and be resistant to failure.
• Run on multiple background processes.
• Ensure that items are available to other workers two minutes after a worker process fails.
• Ensure that messages regarding failed processes are logged to the console.
How should you complete the code? 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:

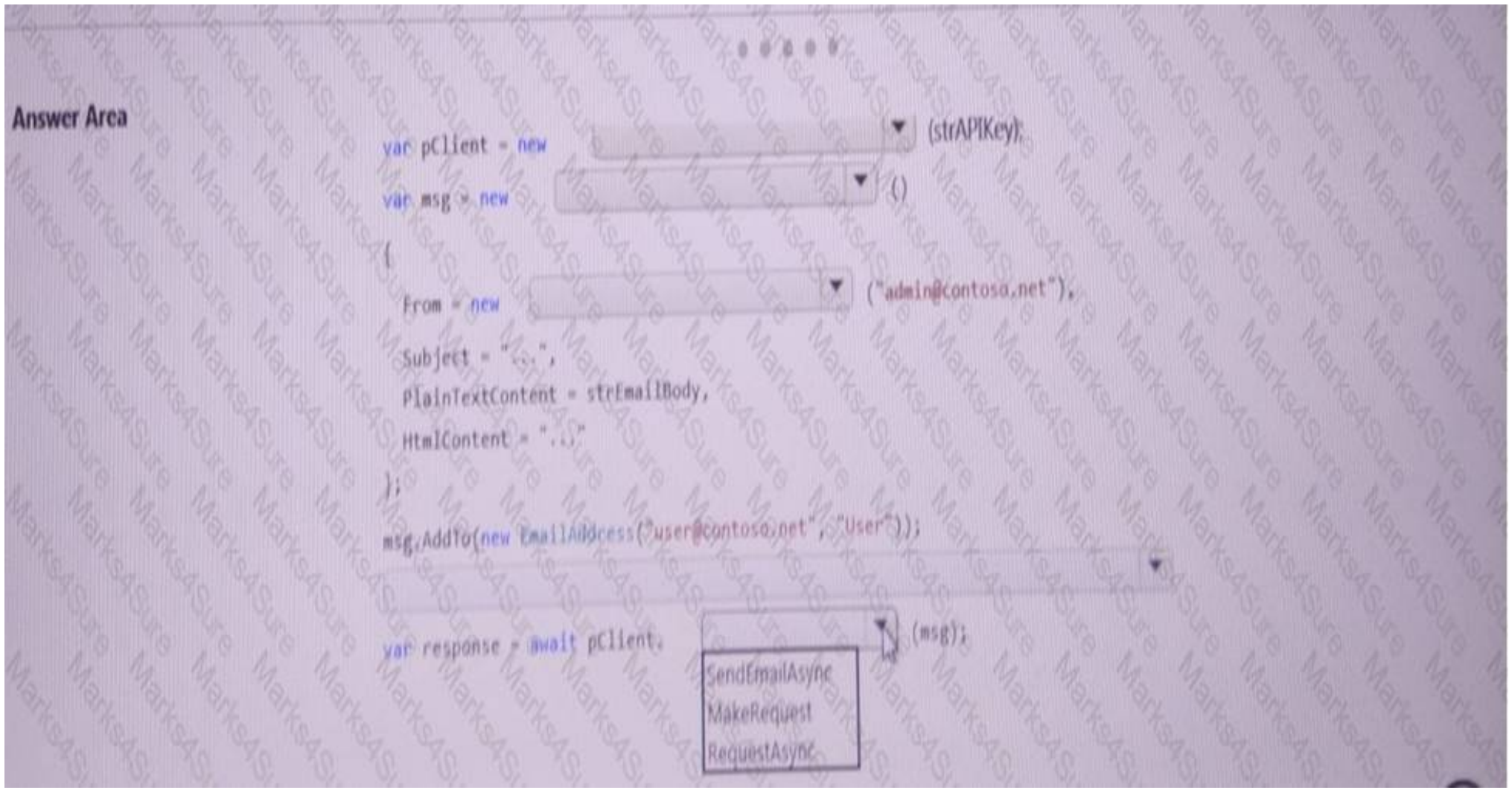


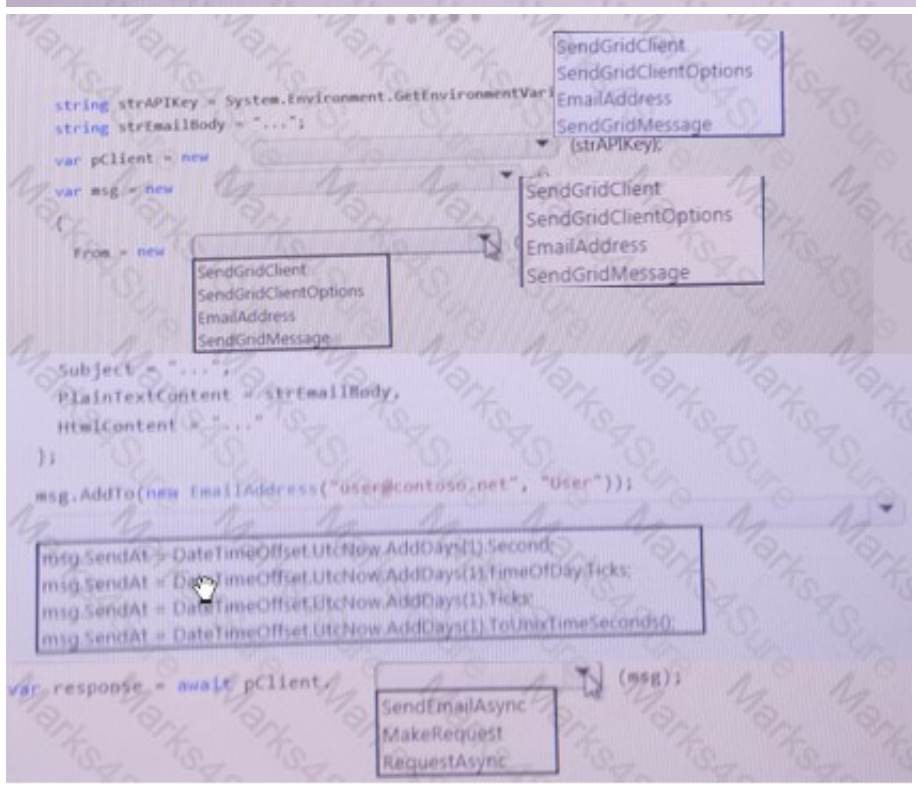
NEW QUESTION 106
- (Exam Topic 1)
You need to recommend a solution lo generate a monthly report of all the new Azure Resource Manager resource deployment in your subscription What should you include in the recommend3tlon,

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

Answer: B

NEW QUESTION 108
- (Exam Topic 1)
You develop solutions for a company.
The company requires an automated email solution that can be used to schedule customer emails. Emails must be sent in one day.
You need to implement the Azure Send Grid service API.
How should you complete the code? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

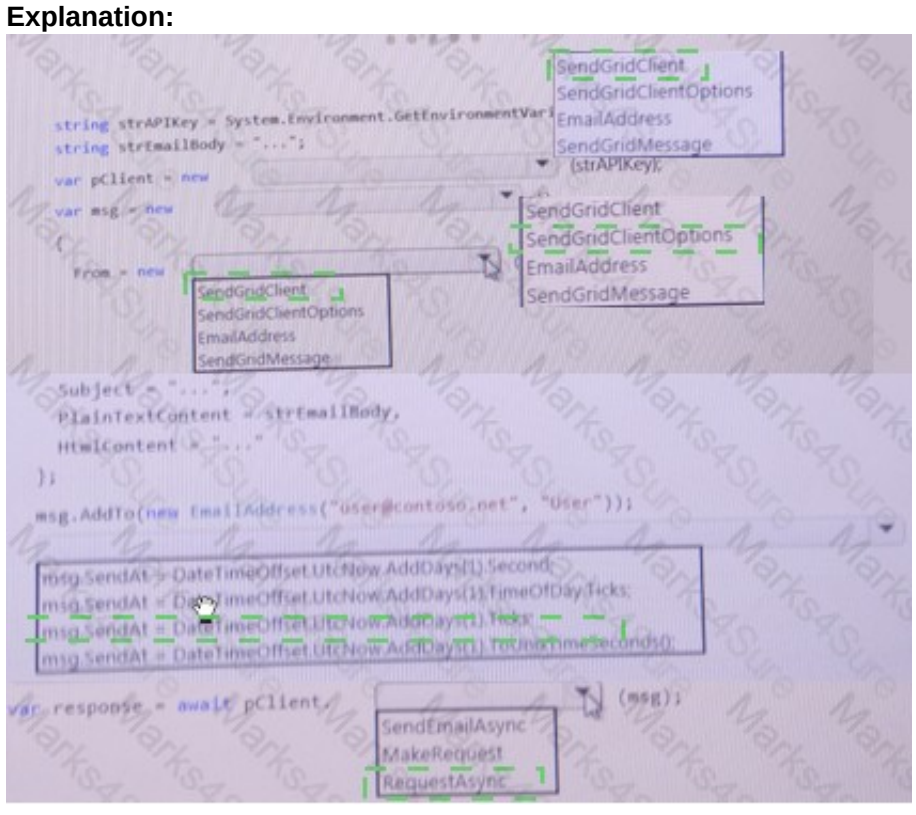




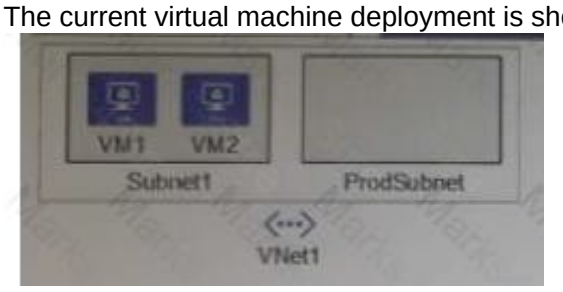
A. Mastered
B. Not Mastered

Answer: A

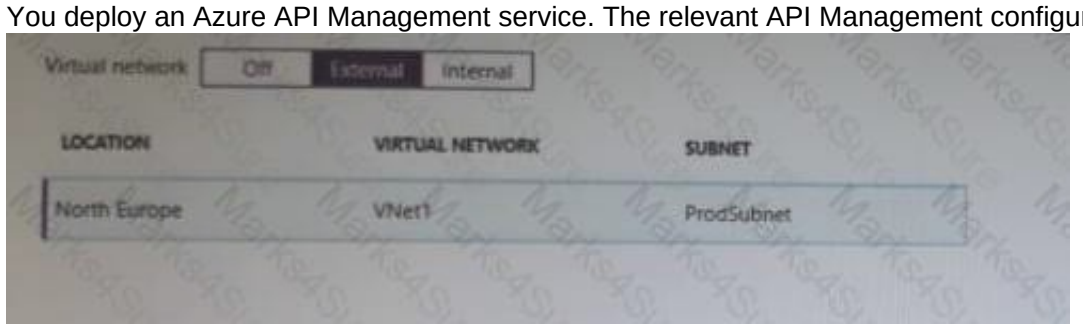
Explanation:



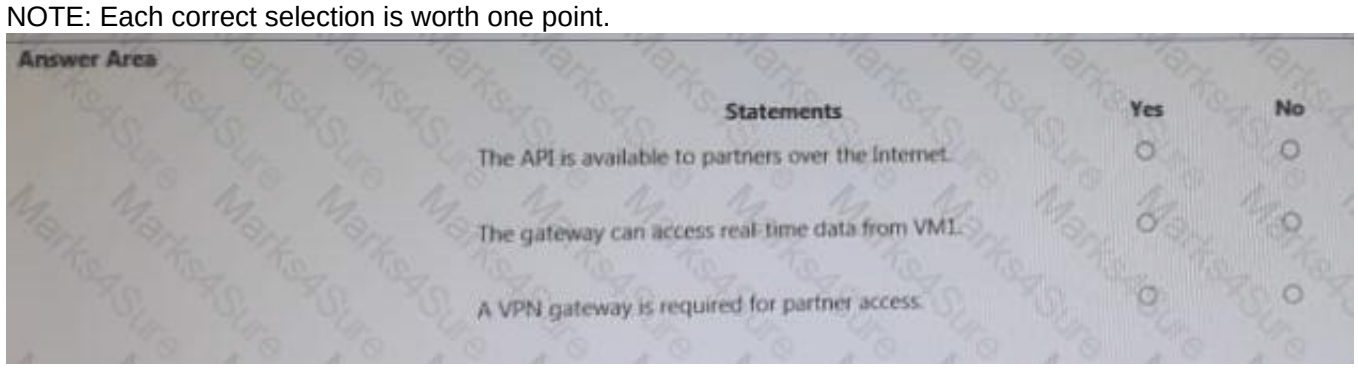
NEW QUESTION 109
- (Exam Topic 1)
Your company develops a web service that is deployed to at, Azure virtual machine named VM1 the web service allows an API to access real- time data from VM1
The current virtual machine deployment is shown in the Deployment exhibit. (Click the Deployment tab).



The chief technology officer (CTO) sends you the following email message: "Our developers have deployed the web service to a virtual machine named WL Testing has shown that the API i\ accessible from VM1 and VM? Our partners must be able to connect to the API over the Internet Partners will me this data in applications that they develop:
You deploy an Azure API Management service. The relevant API Management configuration is shown m the API ambit. Click the API tab).



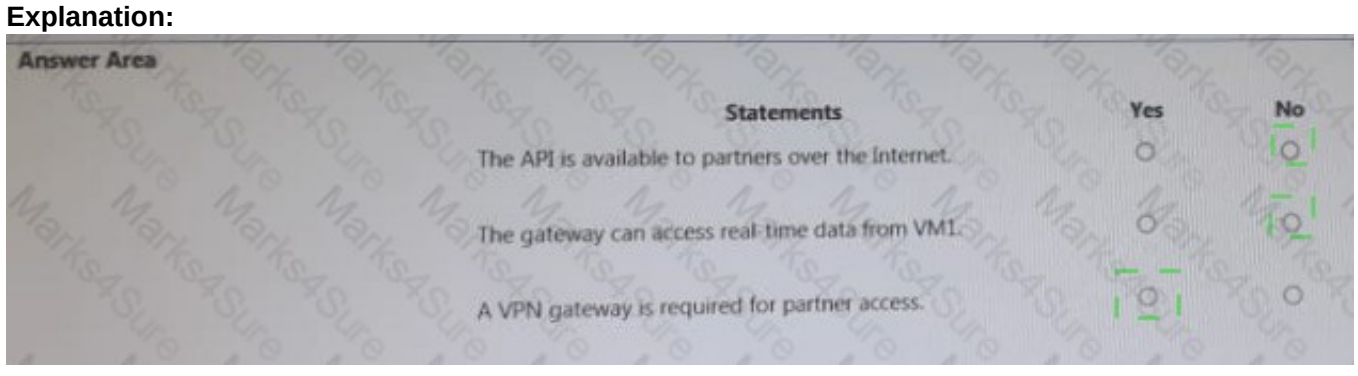
For each of the following statements, select. Yes if the statement is true. Otherwise. select No.
NOTE: Each correct selection is worth one point.



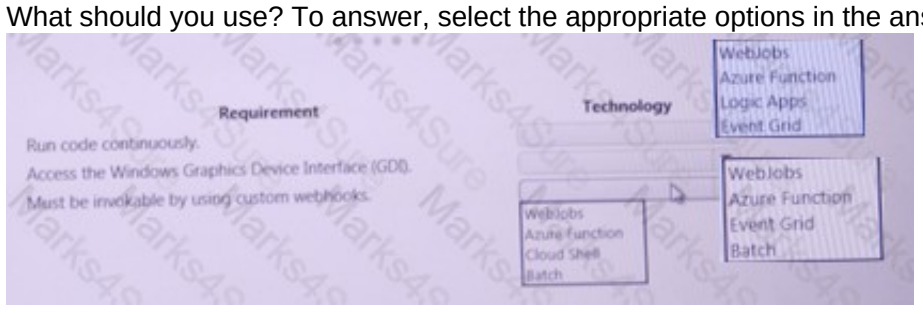
A. Mastered
B. Not Mastered

Answer: A

Explanation:



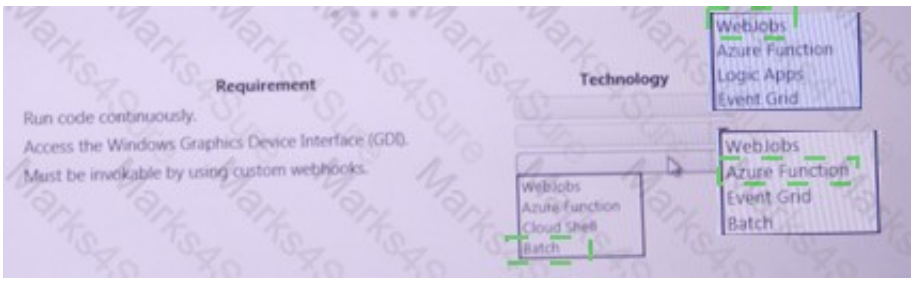
NEW QUESTION 113
- (Exam Topic 1)
You are designing a solution that will run tasks in Azure.
You need to select the technologies and services for the solution.
What should you use? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.



A. Mastered
B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 118
- (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 a Premium App Service plan. Does this meet the goal?

A. Yes
B. No

Answer: A

NEW QUESTION 122
- (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 to PostBack.
E. Verify that the amount and currency values in the payment token folder are valid.

Answer: D

NEW QUESTION 125
- (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 130
- (Exam Topic 2)
You need to implement the purchase requirement. What should you do?

A. Use the Bot Framework REST API conversation operations to send the user's voice and the Speech Service API to recognize intents.
B. Use the Direct Line REST API to send the user's voice and the Speech Service API to recognize intents.
C. Use the Speech Service API to send the user's voice and the Bot Framework REST API conversation operations to recognize intents.
D. Use the Bot Framework REST API attachment operations to send the user's voice and the Speech Service API to recognize intents.

Answer: A

NEW QUESTION 134
- (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?

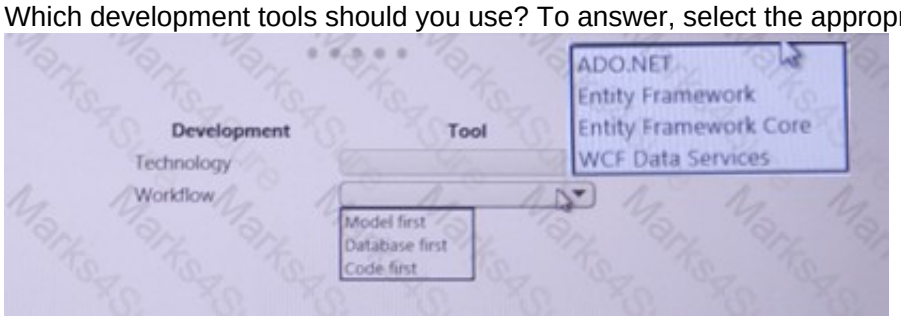
A. Yes
B. NO

Answer: B

Explanation:

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

NEW QUESTION 135
- (Exam Topic 2)
You need to update the Inventory API.
Which development tools 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 140
- (Exam Topic 2)
You need to resolve the delivery API error. What should you do?

A. Implement simple retry by using the EnableRetryOnFailure feature of Entity Framework.
B. Implement exponential back off by using the EnableRetryOnFailure feature of Entity Framework.
C. Implement a Circuit Breaker pattern by using the EnableRetryOnFailure feature of Entity Framework.
D. Invoke a custom execution strategy in Entity Framework.

Answer: B

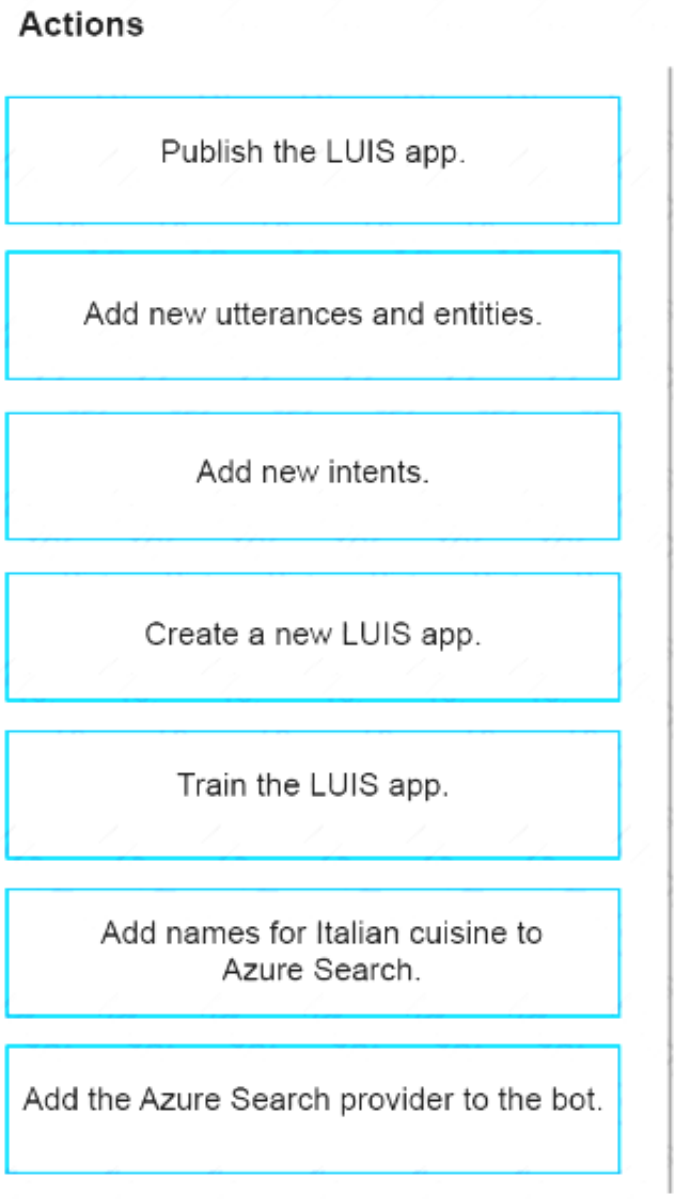
Explanation:
References:
https://docs.microsoft.com/en-us/azure/sql-database/sql-database-develop-error-messages

NEW QUESTION 145
- (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

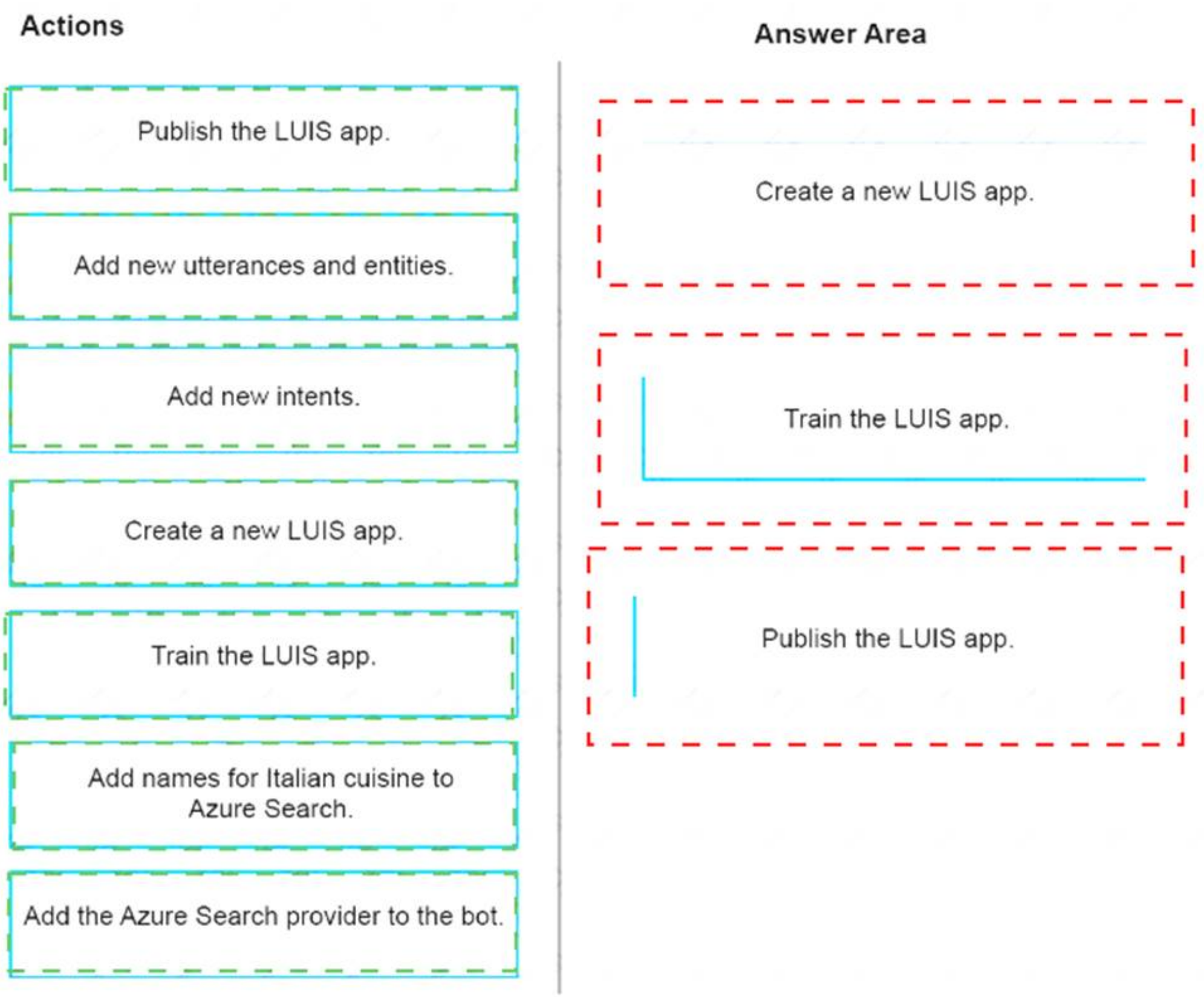
NEW QUESTION 149
- (Exam Topic 2)
You need to resolve the language processing issue.
Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them on the correct order.



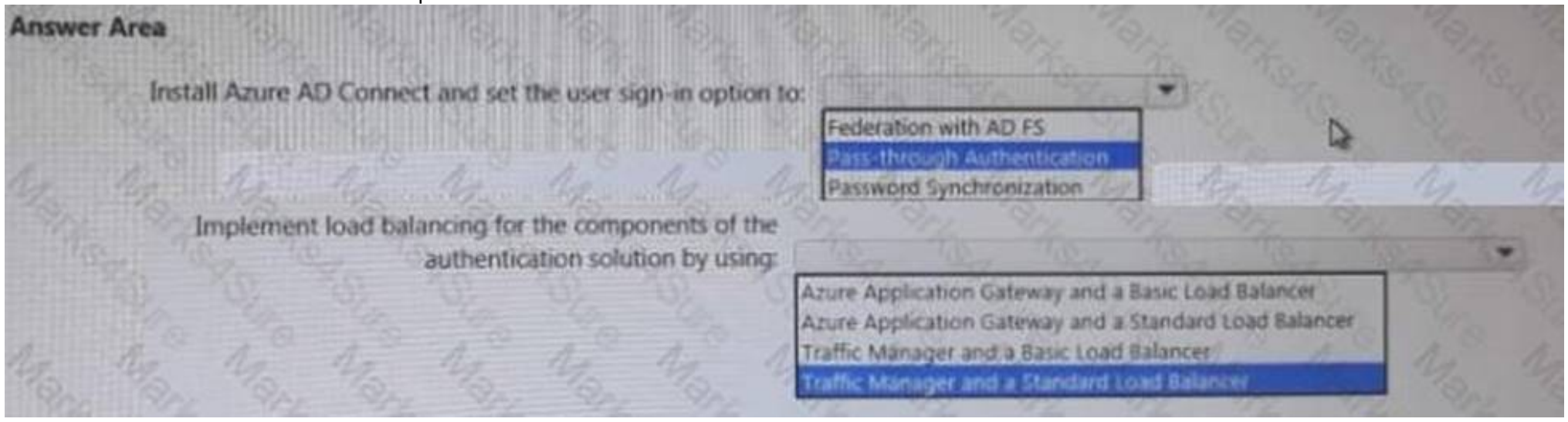
A. Mastered
B. Not Mastered

Answer: A

Explanation:



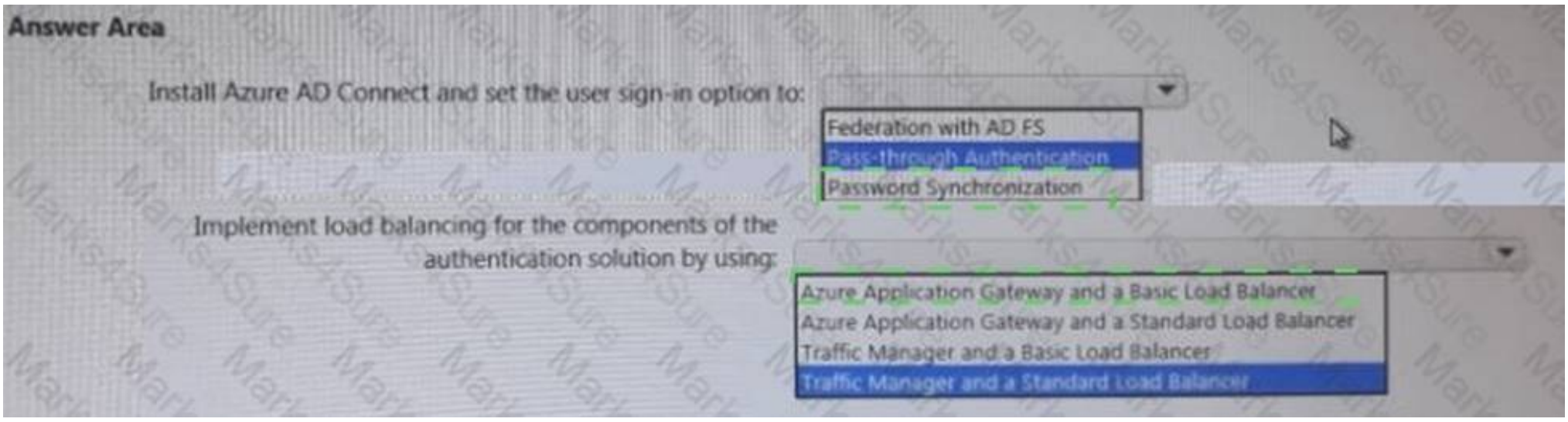
NEW QUESTION 154
- (Exam Topic 4)
You need to recommend a solution for the user at Contoso to authenticate to the cloud-based sconces and the Azure AD-integrated application. What should you include in the recommendation? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point



A. Mastered
B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 158
- (Exam Topic 4)
You need to recommend a solution for the network configuration of the front-end tier of the payment processing.
What should you include in the recommendation?

A. Azure Application Gateway
B. Traffic Manager
C. a Standard Load Balancer
D. a Basic load Balancer

Answer: B

NEW QUESTION 160
- (Exam Topic 4)
You need to recommend a backup solution for the data store of the payment processing. What should you include in the recommendation?

A. Microsoft System Center Data Protection Manager (DPM)
B. long-term retention
C. a Recovery Services vault
D. Azure Backup Server

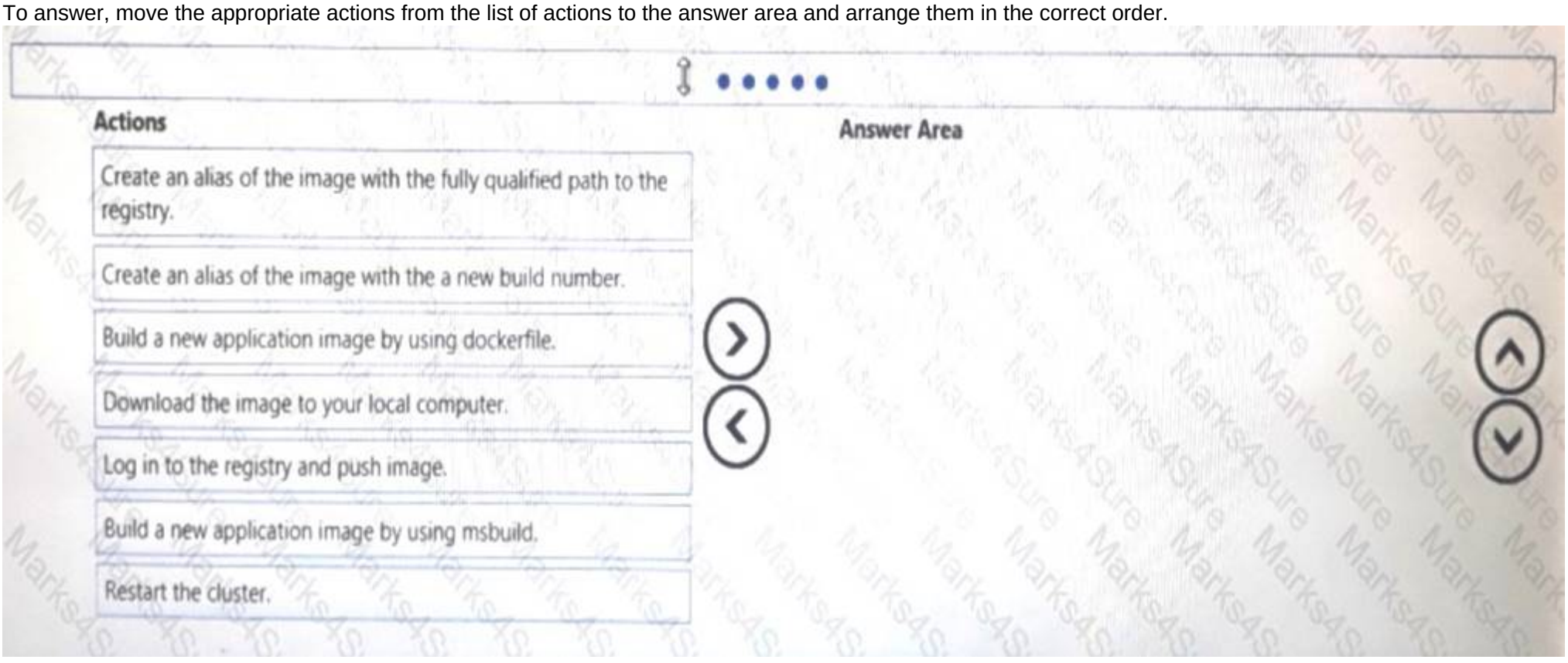
Answer: C

NEW QUESTION 164
- (Exam Topic 5)
You need to access user claims in the e-commerce web app. What should you do first?

A. Write custom code to make a Microsoft Graph API call from the e commerce web app.
B. Assign the Contributor RBAC role to the e-commerce web app by using the Resource Manager create role assignment API
C. Update the e-commerce web app to read the HTTP request header values.
D. Using the Azure CU, enable Cross-origin resource sharing (CORS) from the e-commerce checkout API to the e-commerce web

Answer: A

NEW QUESTION 167
- (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 171
- (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"]
  });
}
```

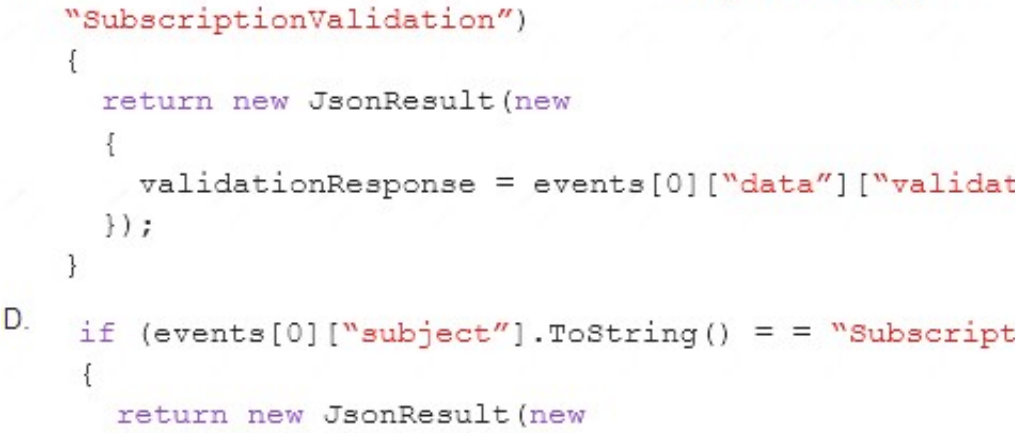
C.
```
if (HttpContext.Request.Headers["aeg-event-type"].FirstOrDefault() = =
"SubscriptionValidation")
{
  return new JsonResult(new
  {
    validationResponse = events[0]["data"]["validationCode"]
  });
}
```

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

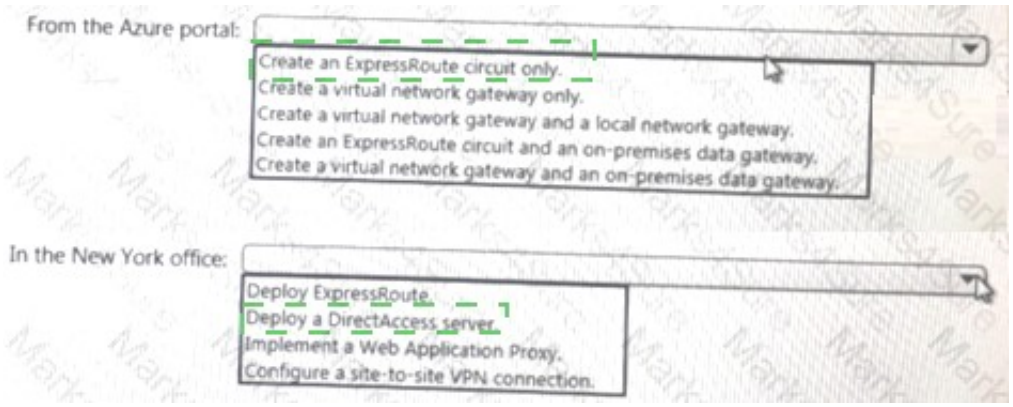
NEW QUESTION 175
- (Exam Topic 7)
You need to meet the connection requirements for the New York office.
What should you do? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.



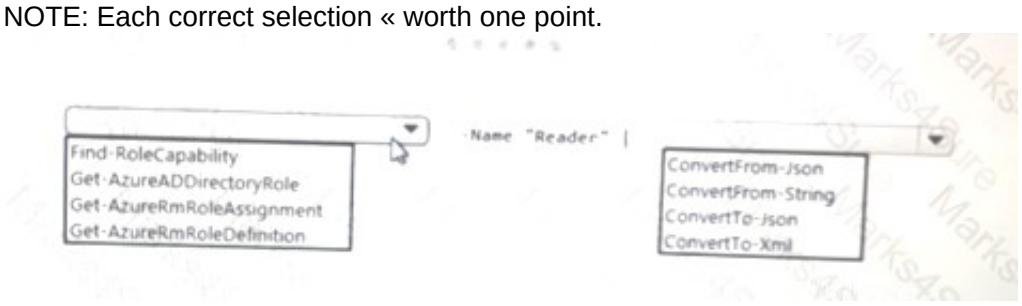
A. Mastered
B. Not Mastered

Answer: A

Explanation:



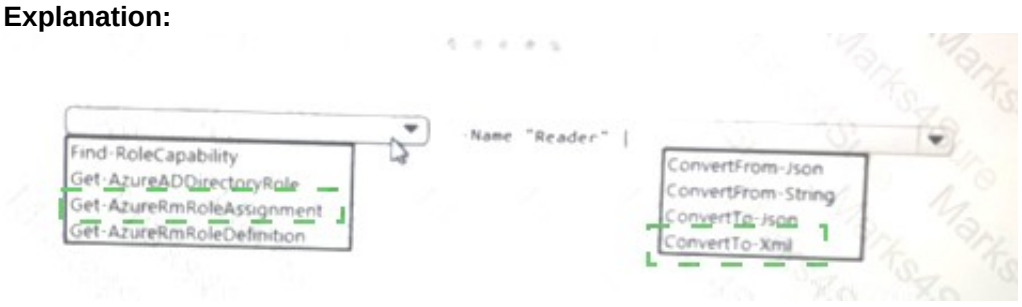
NEW QUESTION 179
- (Exam Topic 7)
You need to implement Role1.
Which command should you run before you create Role1? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection « worth one point.



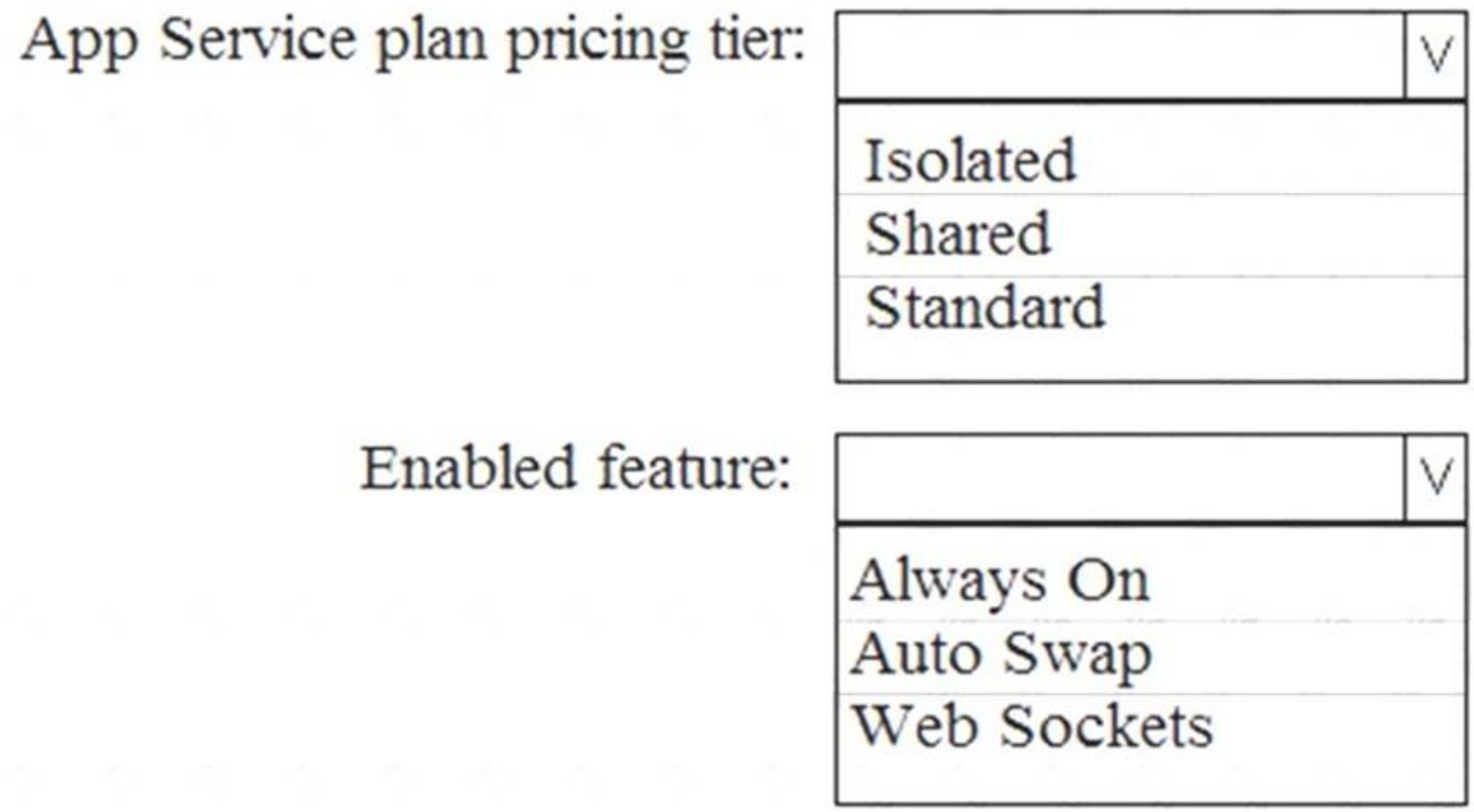
A. Mastered
B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 181
- (Exam Topic 8)
You need to implement App2 to meet the application requirements.
What should you include in the implementation? To answer, select the appropnate options in the answer area. NOTE: Each correct selection is worth one point.

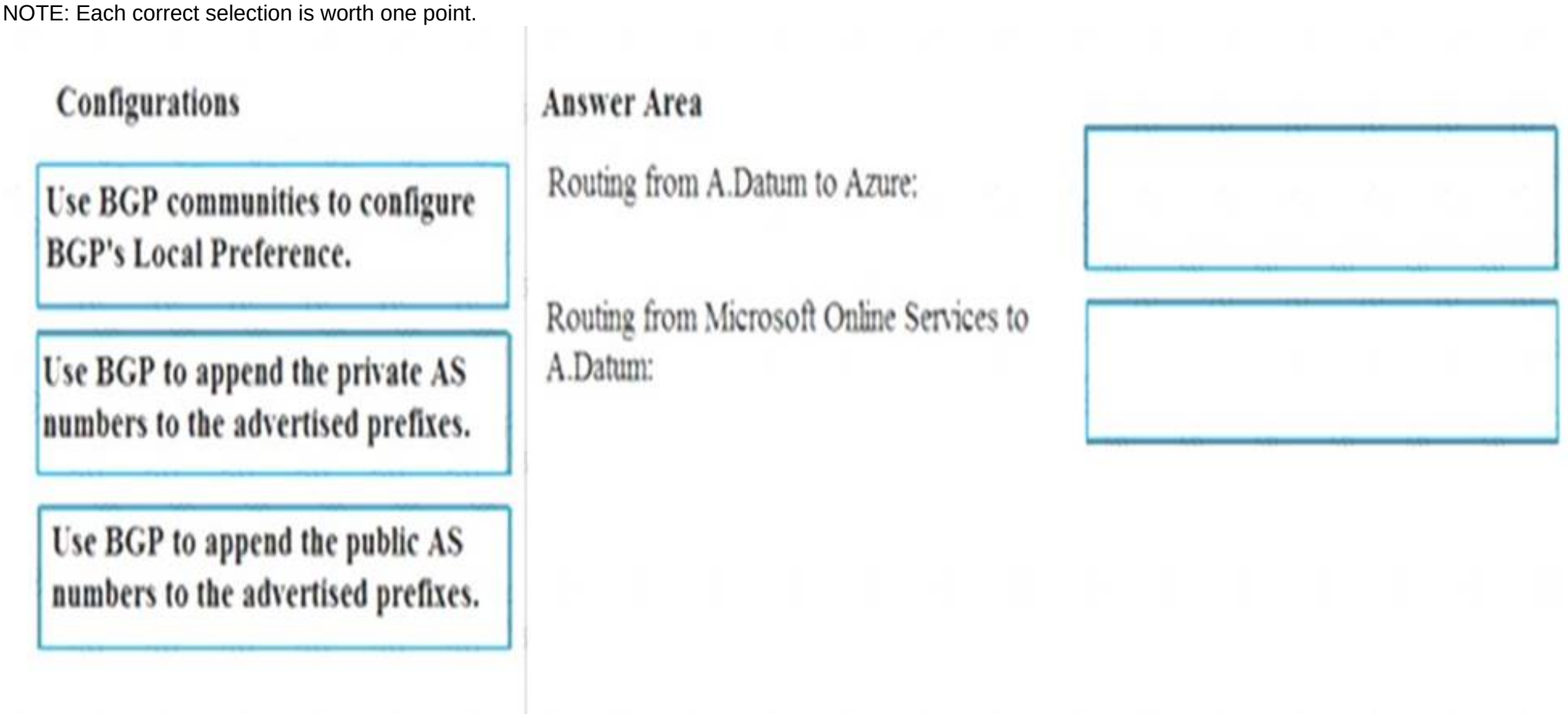


A. Mastered
B. Not Mastered

Answer: A

Explanation:
References:
https://azure.microsoft.com/en-us/pricing/details/app-service/plans/ https://docs.microsoft.com/en-us/azure/azure-functions/functions-scale

NEW QUESTION 183
- (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.



A. Mastered
B. Not Mastered

Answer: A

NEW QUESTION 186
- (Exam Topic 9)
You have the following resource groups:

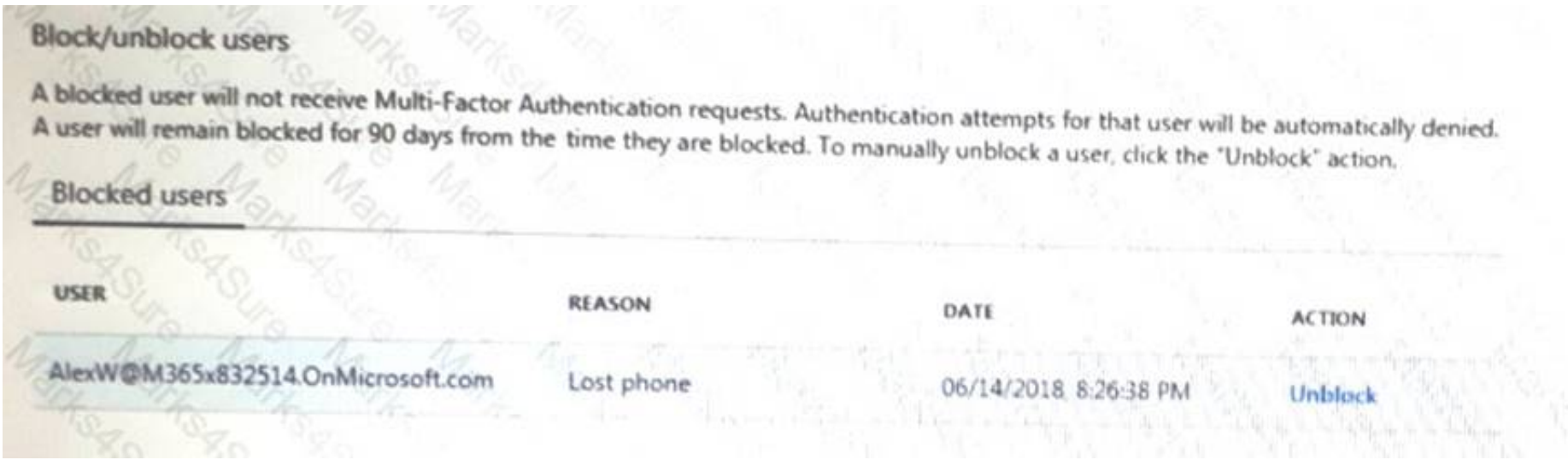
Resource group	Comments
DevServer_WestCentralUS	This resource group is located in the West Central US region and contains a single virtual machine (VM) named DevServer. DevServer is connected to a private subnet in an Azure Virtual Network that has no internet access.
Workstation_EastUS	This resource group is located in the East US region and contains a VM 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 Dev Server only through Dev Workstation. To maintain security, Dev Server must not accept connections from the internet. You need to create a private connection between the Dev Workstation and Dev Server.
Dev Workstation using their private IP addresses. Does the solution meet the goal?

A. Yes
B. NO

Answer: A

NEW QUESTION 188
- (Exam Topic 9)
From the MFA Server blade, you open the Block/unblock users blade as shown in the exhibit.



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 193
- (Exam Topic 9)
Your network contains an Active Directory domain named adatum.com and an Azure Active Directory (Azure AD) tenant named adatum.onmicrosoft.com
Adatum.com contains the user accounts in the following table.

Name	Member of
User1	Domain Admins
User2	Schema Admins
User3	Incoming Forest Trust Builders
User4	Replicator
User5	Enterprise Admins

Adatum.onmiaosoft.com contains the user accounts in the following table.

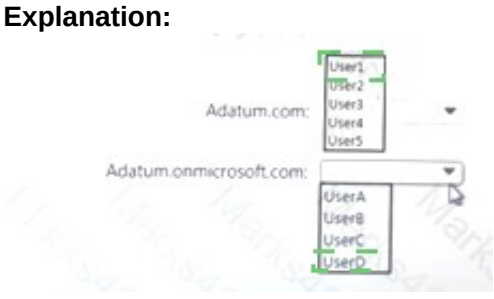
Name	Role
UserA	Global administrator
UserB	User administrator
UserC	Security administrator
UserD	Service administrator

You need to implement Azure AD Connect. The solution must follow the principle of least privilege. Which user accounts should you use? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

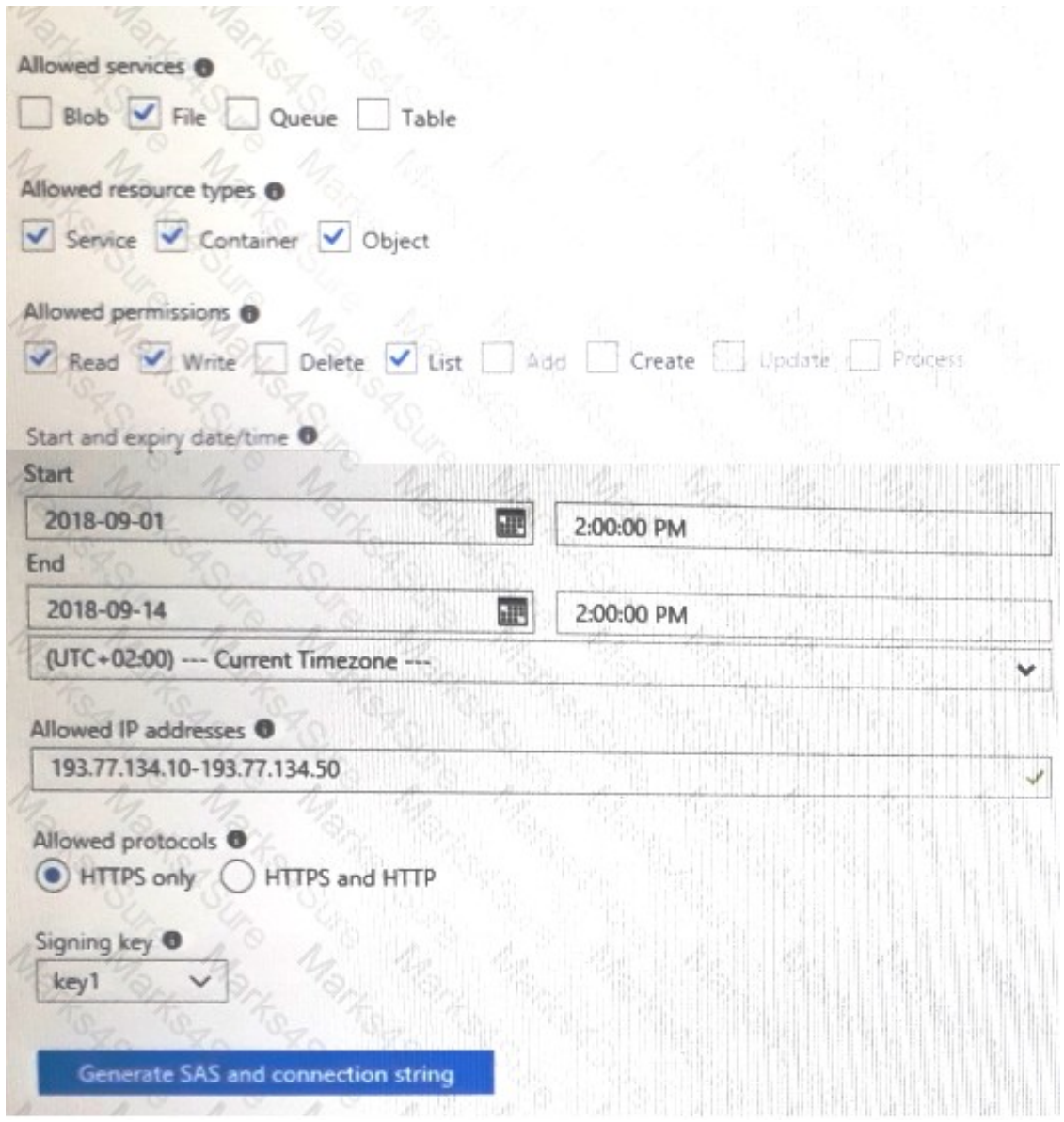
A. Mastered
B. Not Mastered

Answer: A

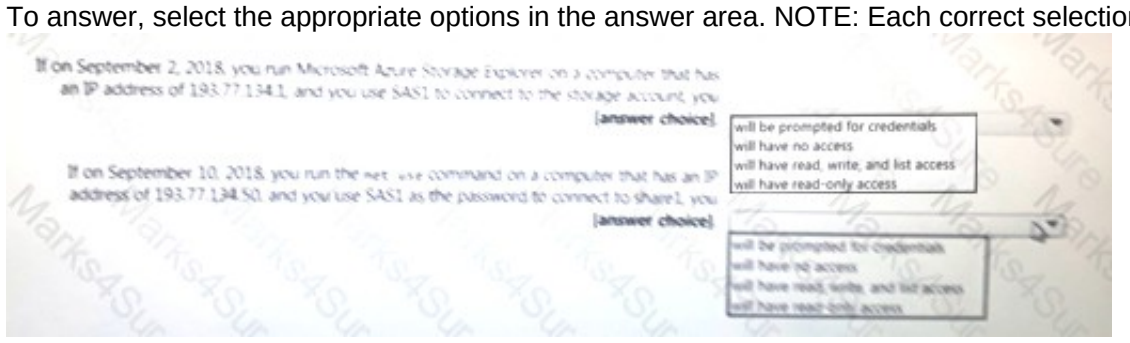
Explanation:



NEW QUESTION 194
- (Exam Topic 9)
You have an Azure subscription named Subscription 1.
In Subscription1, you create an Azure file share named share1.
You create a shared access signature (SAS) named SAS1 as shown in the following exhibit.



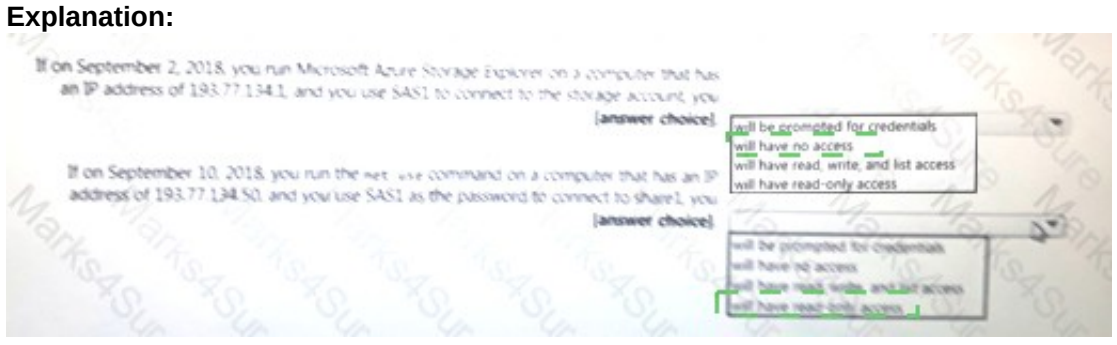
To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.



A. Mastered
B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 199
- (Exam Topic 9)
A company is developing a new website that uses Azure Cosmos DB for data storage.
You need to implement a method to retrieve one item by identifier. The method must run as efficiently as possible.
How should you complete the code segment? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

```
private static readonly string DatabaseId = ConfigurationManager.AppSettings["database"];
private static readonly string Collection Id = ConfigurationManager.AppSettings["collection"];
private static DocumentClient;
public static async Task<T> GetItemAsync(string id, string category)
{
    try
    {

        Document document =  [                              ▾]
                             [await client.ReadDocumentAsync    ]
                             [client.readDocumentFeedAsync      ]
                             [client.CreateDocumentQuery<T>     ]
                             [await client.ExecuteNextAsync<T>  ]

        (                    [                              ▾]
                             [UriFactory.CreateDocumentUri(DatabaseId, CollectionId, id)   ]
                             [UriFactory.CreateDatabaseUri(DatabaseId, CollectionId, id)   ]
                             [UriFactory.CreateCollectionuri(DatabaseId, Collection, id)   ]
                             [DatabaseId, CollectionId, id                                 ]

        return (T)(dynamic) document;
        }
        catch (DocumantClientException e)
        {
```

A. Mastered
B. Not Mastered

Answer: A

Explanation:
References:
https://docs.microsoft.com/en-us/dotnet/api/microsoft.azure.documents.client.documentclient.readdocumentasyn

NEW QUESTION 203
- (Exam Topic 9)
You are developing a solution that requires serverless code execution in Azure. The solution has two functions that must run in a specific order.
You need to ensure that the second function can use the output from the first function.
How should you complete the code? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

```
public static async Task<object> Run(                                    C)
                                      DurableOrchestrationContext
                                      DurableActivityContext
                                      DurableOrchestrationClient
                                      DurableOrchestrationStatus
{
try
{
var f1Result = await c.                                                  <object>("AzureFunction01", null);
                       CallActivityAsync
                       CallSuborchestratorAsync
                       WaitForExternalEvent

return await c.        CallActivityAsync
                       CallSubOrchestratorAsync                          <object>("AzureFunction02",f1Result);
                       WaitForExternalEvent
}

catch(Exception e)
{
...
}
}
```

A. Mastered
B. Not Mastered

Answer: A

Explanation:

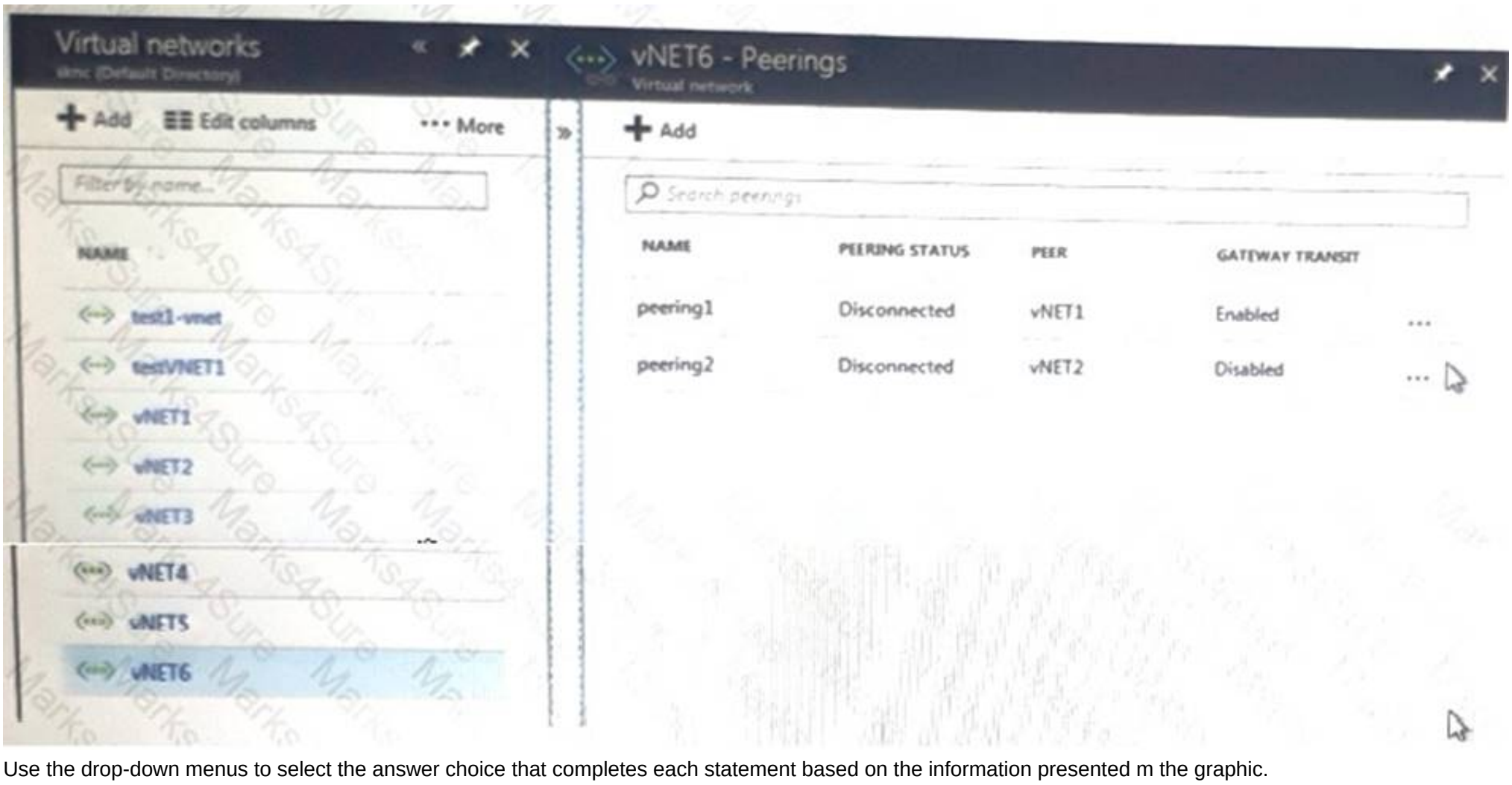
```
public static async Task<object> Run(                                    C)
                                      DurableOrchestrationContext
                                      DurableActivityContext
                                      DurableOrchestrationClient
                                      DurableOrchestrationStatus
{
try
{
var f1Result = await c.                                                  <object>("AzureFunction01", null);
                       CallActivityAsync
                       CallSuborchestratorAsync
                       WaitForExternalEvent

return await c.        CallActivityAsync
                       CallSubOrchestratorAsync                          <object>("AzureFunction02",f1Result);
                       WaitForExternalEvent
}

catch(Exception e)
{
...
}
}
```

NEW QUESTION 204
- (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?

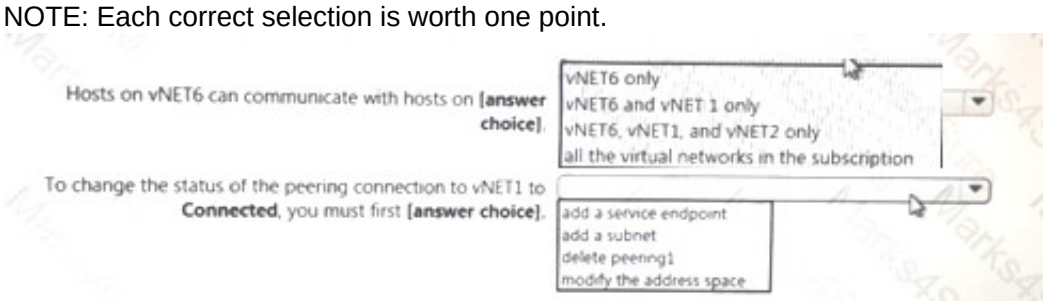
A. PTR
B. TXT
C. NSEC3
D. DNSKEY

Answer: B

NEW QUESTION 208
- (Exam Topic 9)
You have peering configured as shown in the following exhibit



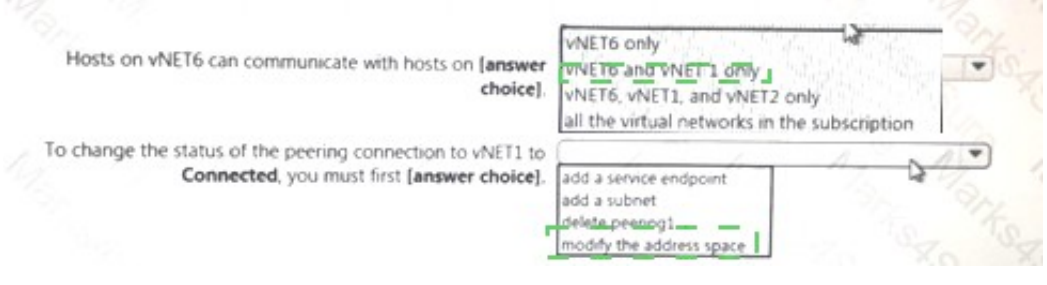
Use the drop-down menus to select the answer choice that completes each statement based on the information presented m the graphic.
NOTE: Each correct selection is worth one point.



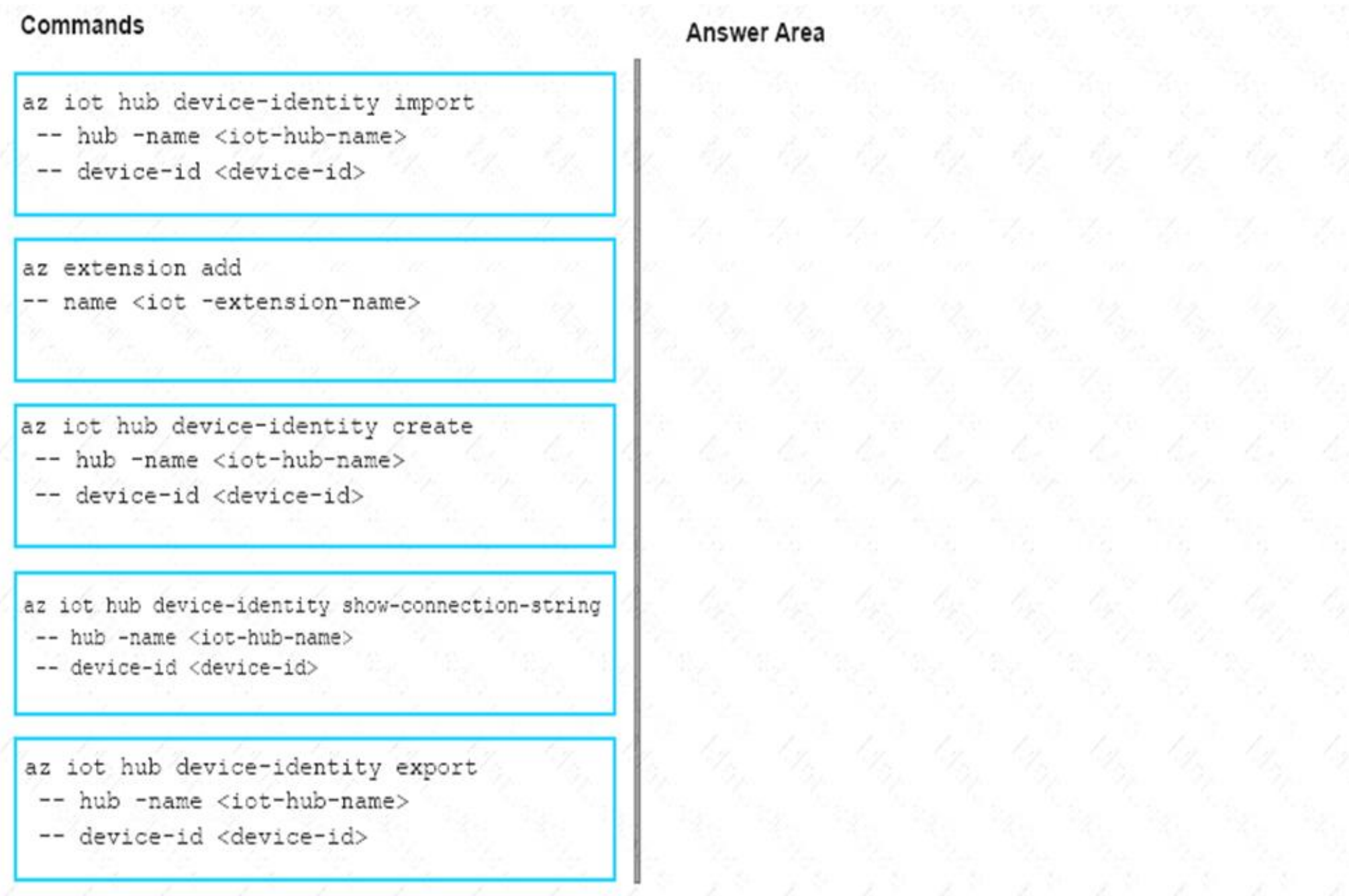
A. Mastered
B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 210
- (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.



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 215
- (Exam Topic 9)
You have an Azure Service Bus.
You create a queue named Queue1. Queue1 is configured as shown in the following exhibit.

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

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 220
- (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 221
- (Exam Topic 9)
You have an Azure subscription.
You have 100 Azure virtual machines.
You need to quickly identify underutilized virtual machines that can have their changed to a less expensive offering.
Which Wade should you use?

A. Metrics
B. Monitor
C. Customer insights
D. Advisor

Answer: B

NEW QUESTION 225
- (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 227
- (Exam Topic 9)
You are developing an internal website for employee to view sensitive data. The website uses Azure Directory (AAD) for authentication.
You need to implement multifactor authentication for the website. What should you do? Each correct answer presents part of the solution. NOTE: Each connect selection is worth one point.

A. Upgrade to Azure AD premium.
B. In Azure ACL enable application pages.
C. Configuration the website to user Azure AD BDC.
D. In Azure AD conditional access enable the baseline policy.
E. In Azure AD create a new conditional access policy.

Answer: CE

NEW QUESTION 232
- (Exam Topic 9)
You plan to move a web application named App1 from an on-premises data center to Azure. App1 depends on a custom framework that is installed on the host server.
You need to recommend a solution to host App1 in Azure. The solution must meet the following requirements:

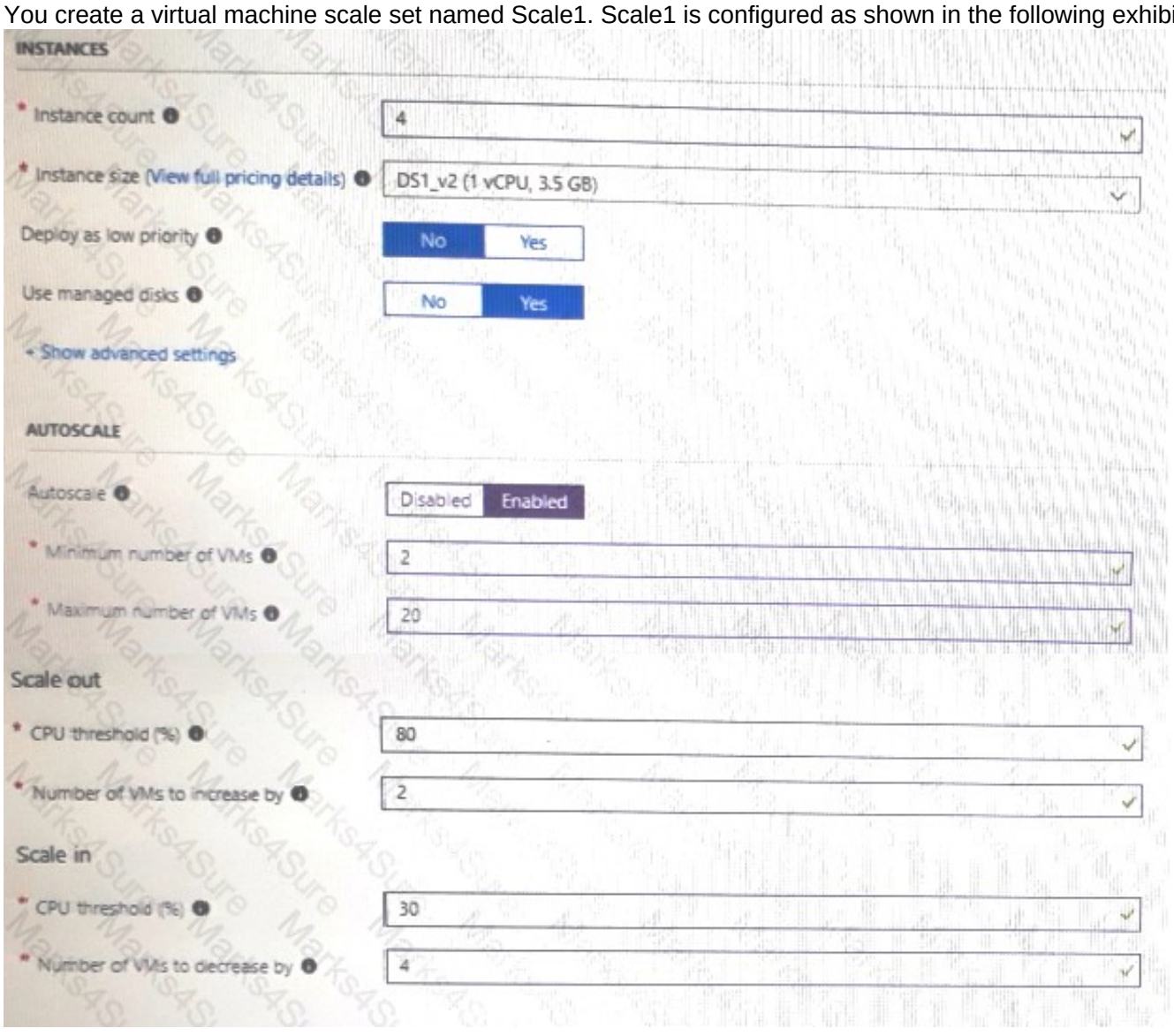
App1 must be available to users if an Azure data center becomes unavailable.

Costs must be minimized.
What should you include in the recommendation?

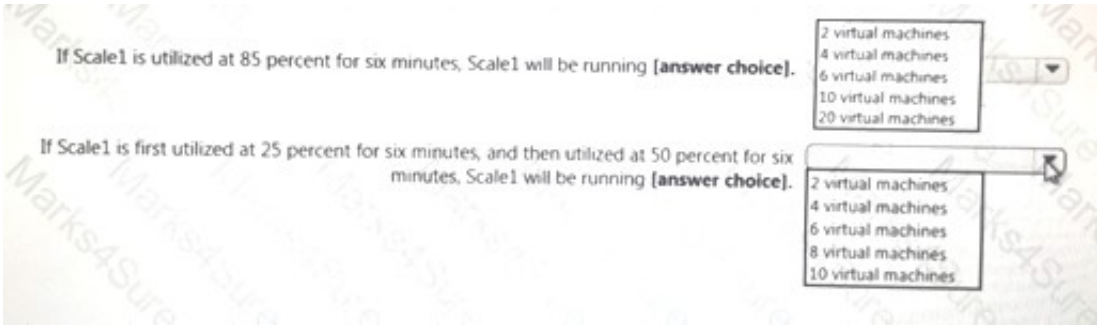
A. In two Azure regions, deploy a load balancer and a web app.
B. Deploy a load balancer and a virtual machine scale set across two availability zones.
C. In two Azure regions, deploy a traffic manager profile and a web app.
D. In two Azure regions, deploy a load balancer and a virtual machine scale set.

Answer: C

NEW QUESTION 237
- (Exam Topic 9)
You create a virtual machine scale set named Scale1. Scale1 is configured as shown in the following exhibit.



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



A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 239
- (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. Adatum contains a group named Developers. Subscription 1 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 Dev. you assign the Logic App Contributor role to the Developers group. Does this meet the goal?

A. Yes
B. No

Answer: A

NEW QUESTION 241
- (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

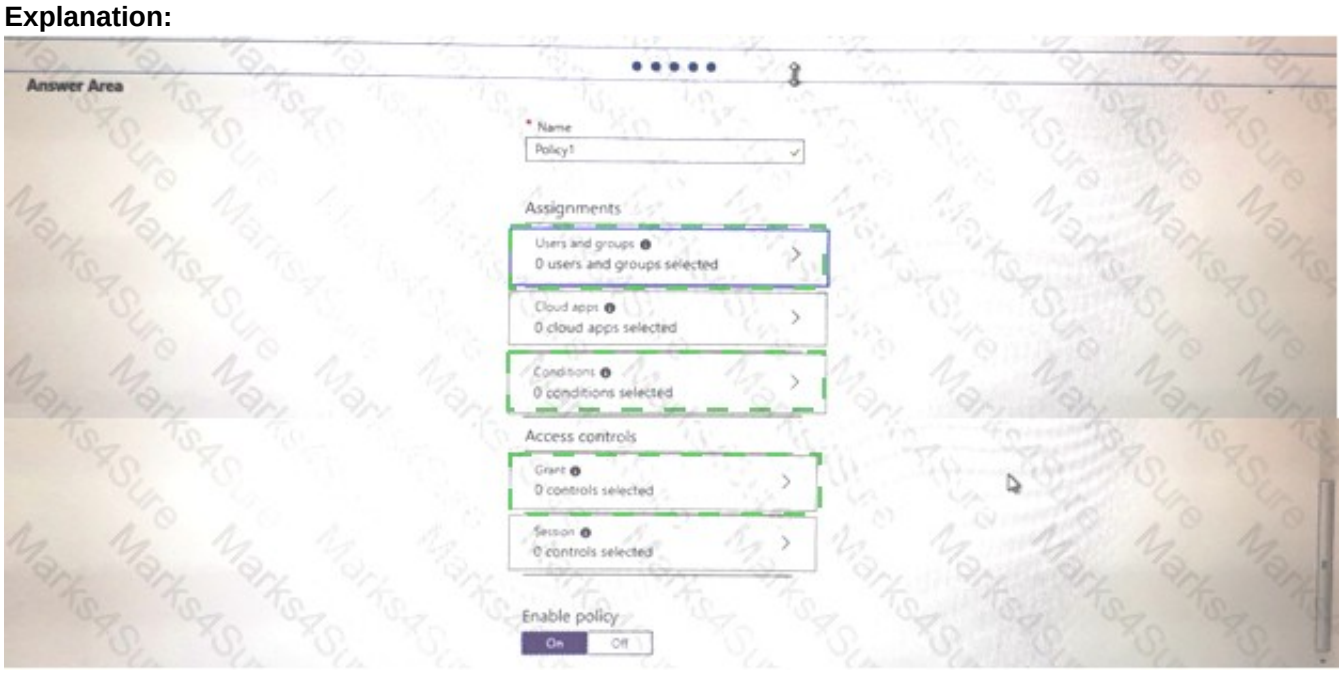
Explanation:
References:
https://docs.microsoft.com/en-us/azure/sql-database/sql-database-elastic-transactions-overview#transactions-acr

NEW QUESTION 242
- (Exam Topic 9)
You have an Azure Active Directory (Azure AD) tenant.
You need to create a conditional access policy that requires all users to use multi-factor authentication when they access the Azure portal.
Which three settings should you configure? To answer, select the appropriate settings in the answer area. NOTE: Each correct selection is worth one point.

A. Mastered
B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 246
- (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?

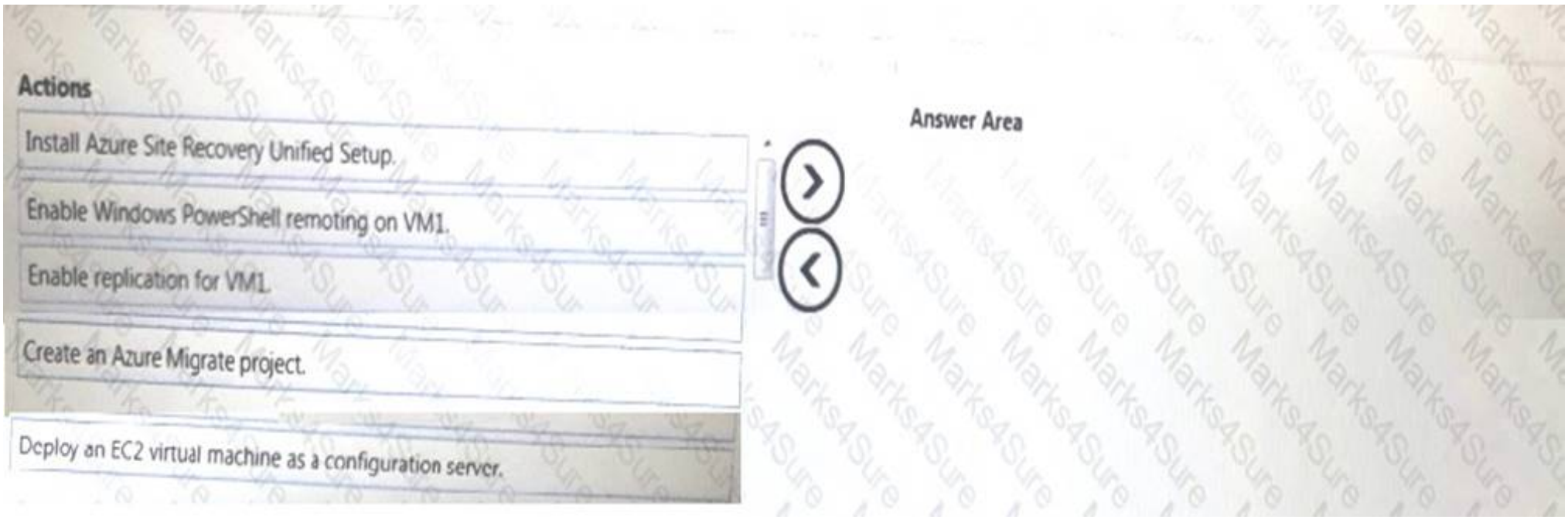
A. Required for TransactionScopeOption and Required for AuditTranScopeOption
B. Required for TransactionScopeOption and Suppress for AuditTransScopeOption
C. Suppress for TransactionScopeOption and Suppress for AuditTranScopeOption
D. Suppress for TransactionScopeOption and RequiresNew for AuditTranScopeOption

Answer: B

Explanation:
References:
https://docs.microsoft.com/en-us/dotnet/framework/data/transactions/implementing-an-implicit-transactionusing

NEW QUESTION 249
- (Exam Topic 9)
You have an Azure subscription that contains the following resources:
• a virtual network named VNet1
• a replication policy named ReplPoHcy1
• a Recovery Services vault named Vault1

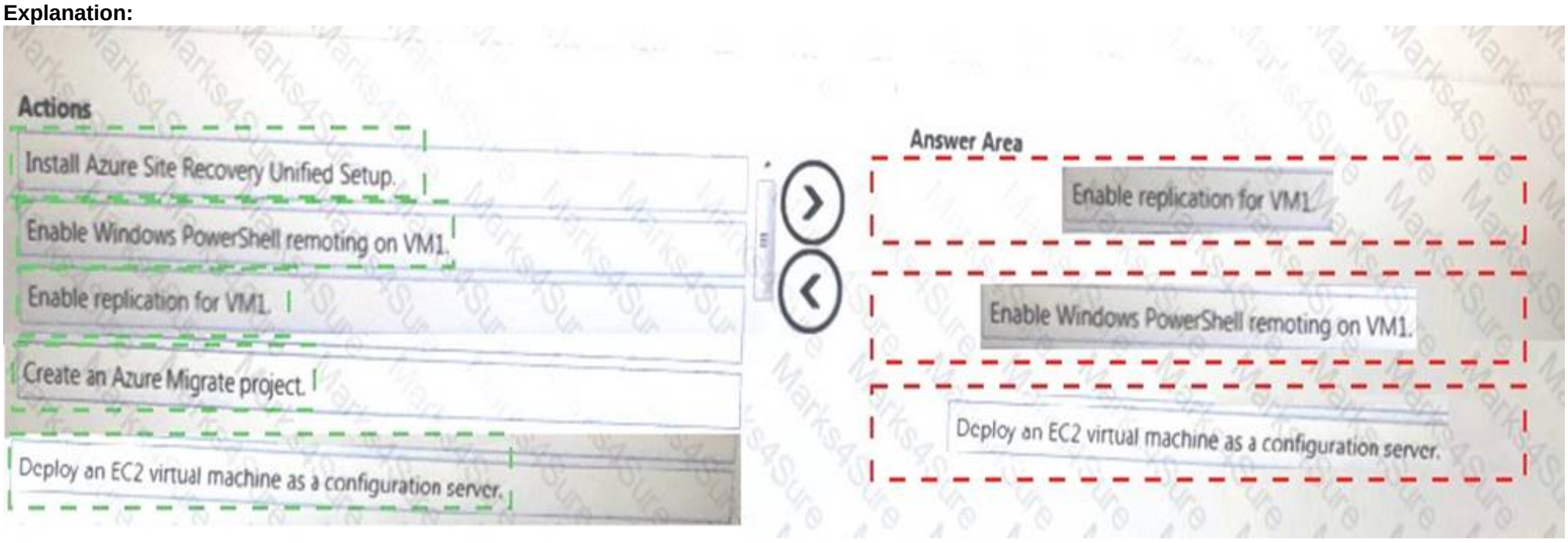
• an Azure Storage account named Storage1
You have an Amazon Web Services (AWS) EC2 virtual machine named VM1 that runs Windows Server 2016.
You need to migrate VM1 to VNet1 by using Azure Site Recovery.
Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order



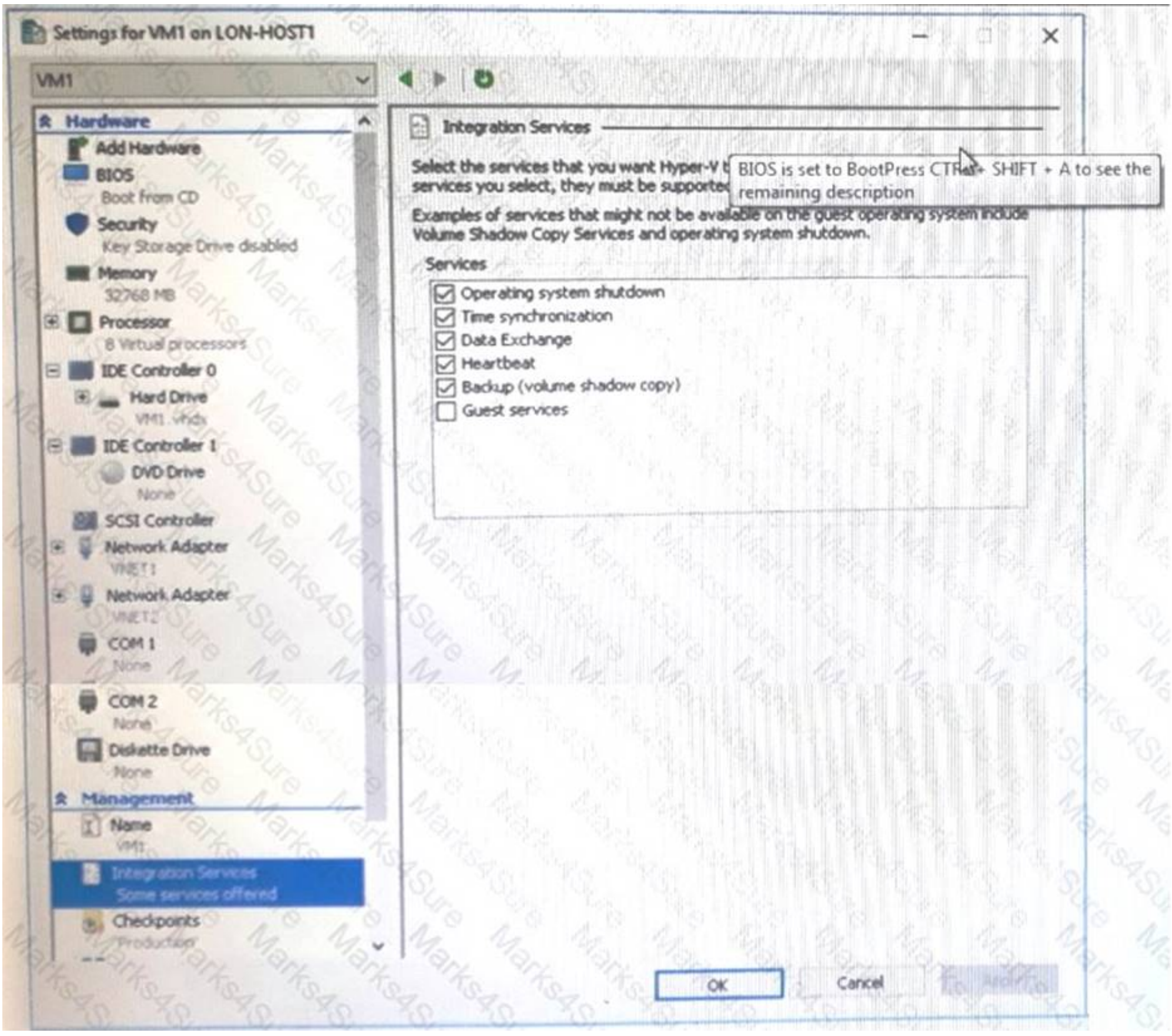
A. Mastered
B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 254
- (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.)

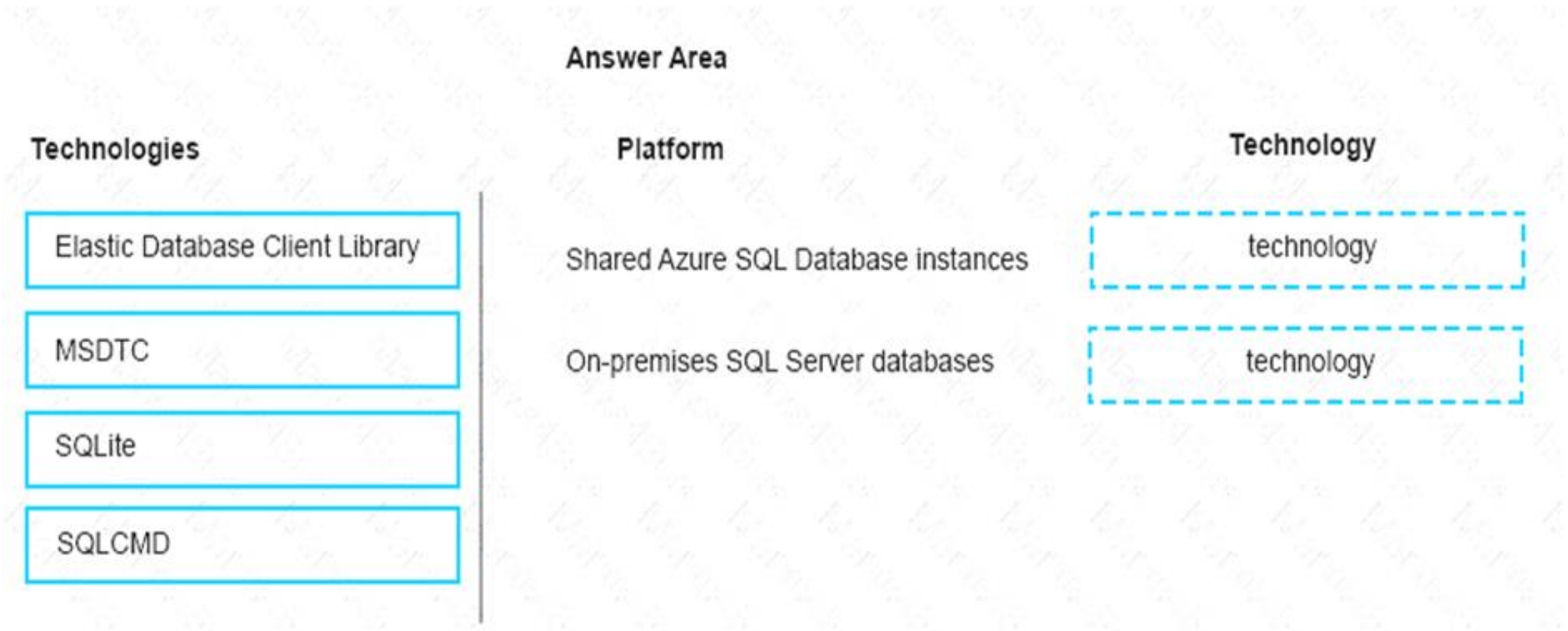


You need to ensure that you can use the disks attached to VM1 as a template for Azure virtual machines. What should you modify on VM1?

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

Answer: C

NEW QUESTION 259
- (Exam Topic 9)
You are developing a multi-tenant ASP.NET Core application that will be hosted on Azure. The application will support multiple database platforms, including Azure SQL and on-premises SQL Server instances.
You need to ensure that the application supports distributed transitions.
Which technologies should you use? To answer, drag the appropriate technologies to the correct scenarios. Each technology may be used once, more than once, more than once, ot 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.

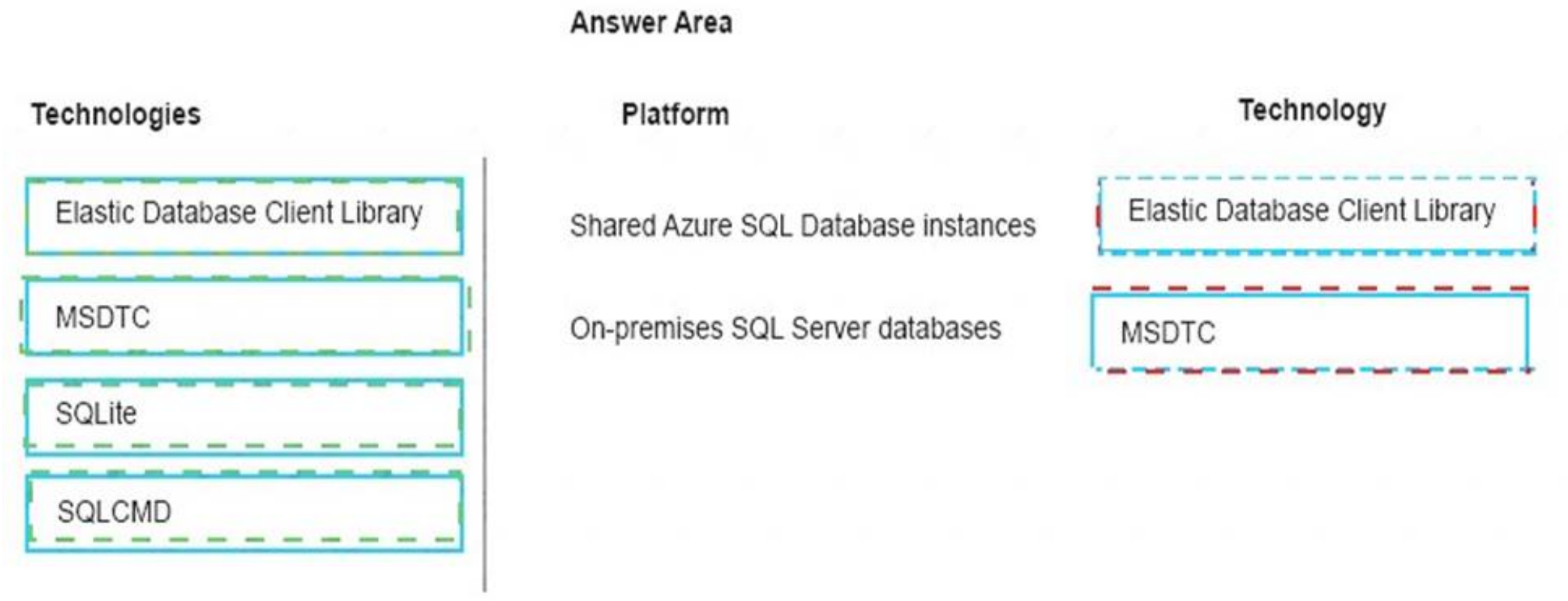


A. Mastered

B. Not Mastered

Answer: A

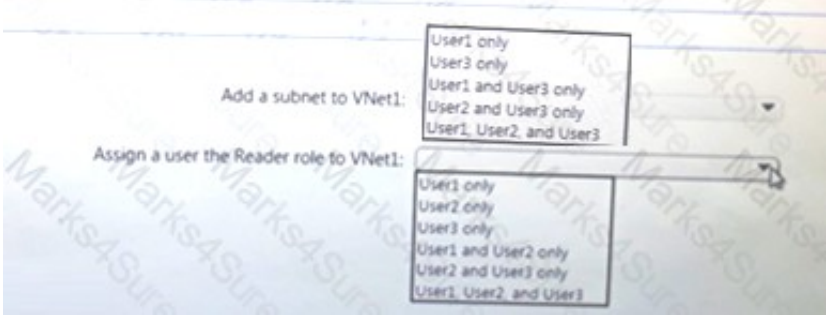
Explanation:



NEW QUESTION 263
- (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

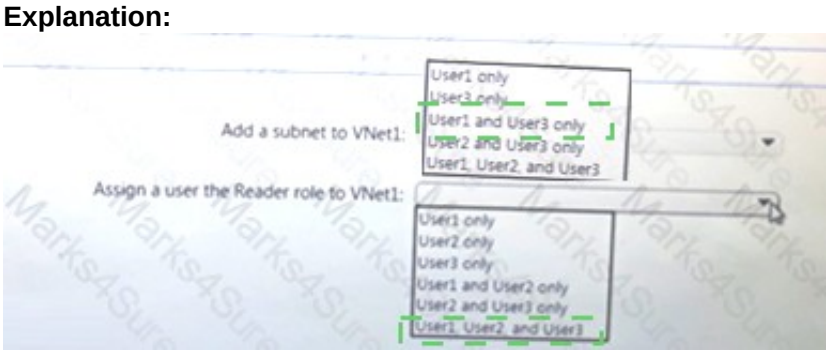
Which user can perform each configuration? To answer, select the appropriate options m me answer area. NOTE: Each correct selection e worth one port.



A. Mastered
B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 264
- (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 269
- (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 Stidio.	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 Stidio.	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

NEW QUESTION 273
- (Exam Topic 9)
You are developing an SMS-based testing solution. The solution sends users a question by using SMS. Early responders may qualify for prizes. Users must respond with an answer choice within 90 seconds. You must be able to track how long it takes each user to respond. You create a durable Azure Function named SendsSmsQuizQuestion that uses Twilio to send messages.
You need to write the code for MessageQuiz.
How should you complete the code? To answer, select the appropriate options in the answer area.

```
[FunctionName("MessageQuiz")]
public static async Task<bool> Run([Orchestrationtrigger] DurableOrchestrationContext context)
{
  string phoneNumber = context.GetInput<string>();
  int correctAnswerCode = await context.CallActivityAsync<int>("SendSmsQuizQuestion", phoneNumber);
  using (var cts = new CancellationTokenSource())
  {

    [ DateTime expiration = DateTime.UtcNow;
      DateTime expiration = DateTimeUtcNow.AddSeconds(90);
      DateTime expiration = DateTime.Now();
      DateTime expiration = context.CurrentUtcDateTime.AddSeconds(90); ]

    [ var timeoutTask = context.CallActivityAsync<DateTime>("timeout", expiration);
      var timeoutTask = context.CreateTimerlexpiration, cts.Token);
      var timeoutTask = context.WaitForExternalEvent("timeout", 90000);
      var timeoutTask = context.CallSubOrchestratorAsync("timeout", expiration); ]

  bool isWinner = false;
  for (int retryCount = 0; retryCount <= 3; retryCount++
  {
    Task<int> challengeResponseTask = context.WaitForExternalEvent<int>(''SmsQuizresponse'');
    Task winner = await = await Task.WhenAny(challengeResponseTask, timeoutTask);
    if (winner = = challengeResponsetask)
    {
      if (challengeResponseTask.Result == correctAnswerCode)
        {
          isWinner = true;
          break;

        }
    }
   else
   {
     break;
  }
}

[ if (!timeoutTask.IsCompleted)
  if(!timeoutTask,IsCanceled)
  if(!context.IsReplaying)
  if (!cts.IsCancellationRequested) ]
```

A. Mastered
B. Not Mastered

Answer: A

Explanation:

```
[FunctionName("MessageQuiz")]
public static async Task<bool> Run([Orchestrationtrigger] DurableOrchestrationContext context)
{
  string phoneNumber = context.GetInput<string>();
  int correctAnswerCode = await context.CallActivityAsync<int>("SendSmsQuizQuestion", phoneNumber);
  using (var cts = new CancellationTokenSource())
  {
```

```
DateTime expiration = DateTime.UtcNow;
DateTime expiration = DateTimeUtcNow.AddSeconds(90);
DateTime expiration = DateTime.Now();
DateTime expiration = context.CurrentUtcDateTime.AddSeconds(90);
```

```
var timeoutTask = context.CallActivityAsync<DateTime>("timeout", expiration);
var timeoutTask = context.CreateTimerlexpiration, cts.Token);
var timeoutTask = context.WaitForExternalEvent("timeout", 90000);
var timeoutTask = context.CallSubOrchestratorAsync("timeout", expiration);
```

```
  bool isWinner = false;
  for (int retryCount = 0; retryCount <= 3; retryCount++
  {
    Task<int> challengeResponseTask = context.WaitForExternalEvent<int>(''SmsQuizresponse'');
    Task winner = await = await Task.WhenAny(challengeResponseTask, timeoutTask);
    if (winner = = challengeResponsetask)
    {
      if (challengeResponseTask.Result == correctAnswerCode)
        {
          isWinner = true;
          break;

      }
    }
   else
   {
     break;
  }
}
```

```
if (!timeoutTask.IsCompleted)
if(!timeoutTask,IsCanceled)
if(!context.IsReplaying)
if (!cts.IsCancellationRequested)
```

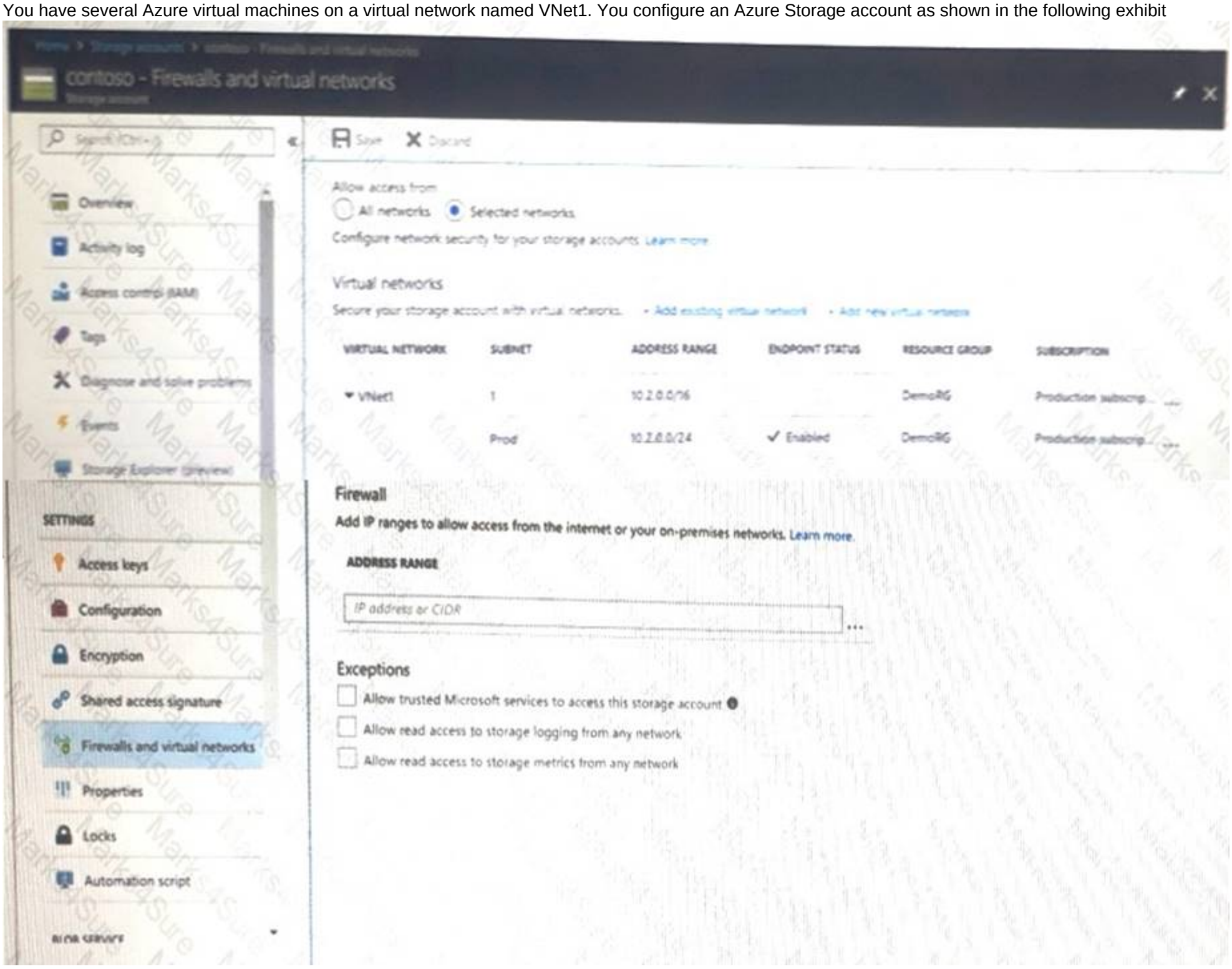
NEW QUESTION 278
- (Exam Topic 9)
A company sells products worldwide and provides customer service in many languages. The company has a customer service email address for customer requests.
The language the email is written in needs to be recognized and routed to the appropriate local department.
You need to use the appropriate cognitive service to detect the language of the email. How should you initiate language detection?

A. Use the Spark natural language processing functionality on Azure HDInsight.
B. Post the content to https://westus.api.cognitive.microsoft.com/luis/v2.0/apps/...?subscriptionkey...& verbose=false.
C. Use the Entity Linking Intelligence Service (ELIS) API.
D. Post the content to <region>.api.cognitive.microsoft.com/text/analytics/v2.0/languages.endpoint.

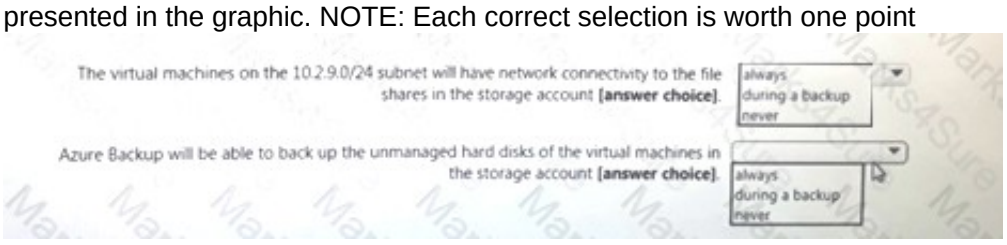
Answer: D

NEW QUESTION 279
- (Exam Topic 9)

You have several Azure virtual machines on a virtual network named VNet1. You configure an Azure Storage account as shown in the following exhibit



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



A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 284
- (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 286
- (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, traceWritter 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.	○	○
If no instanceID is passed into StartNewAsync, a random id is generated for the function.	○	○
The code ensures that there will never be two instances of the same function running.	○	○

A. Mastered
B. Not Mastered

Answer: A

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

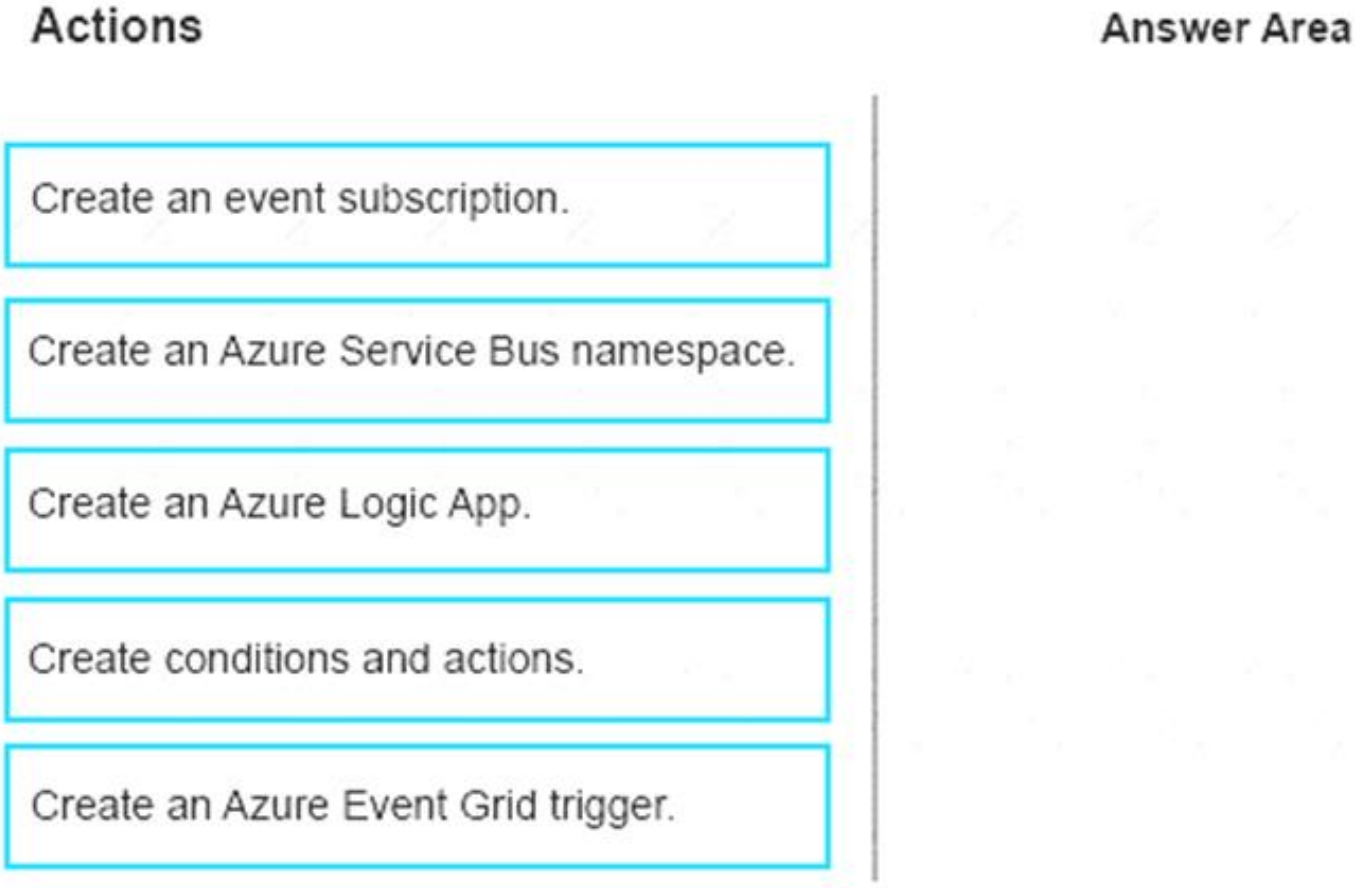
NEW QUESTION 288
- (Exam Topic 9)
You have implemented code that uses elastic transactions spanning across three different Azure SQL Database logical servers.
Database administrators report that some transactions take longer to complete than expected.
You need to use the correct tool to monitor all the 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 290
- (Exam Topic 9)
You are configuring serverless computing in Azure.
You need to receive an email message whenever a resource is created in or deleted from a resource group. 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.

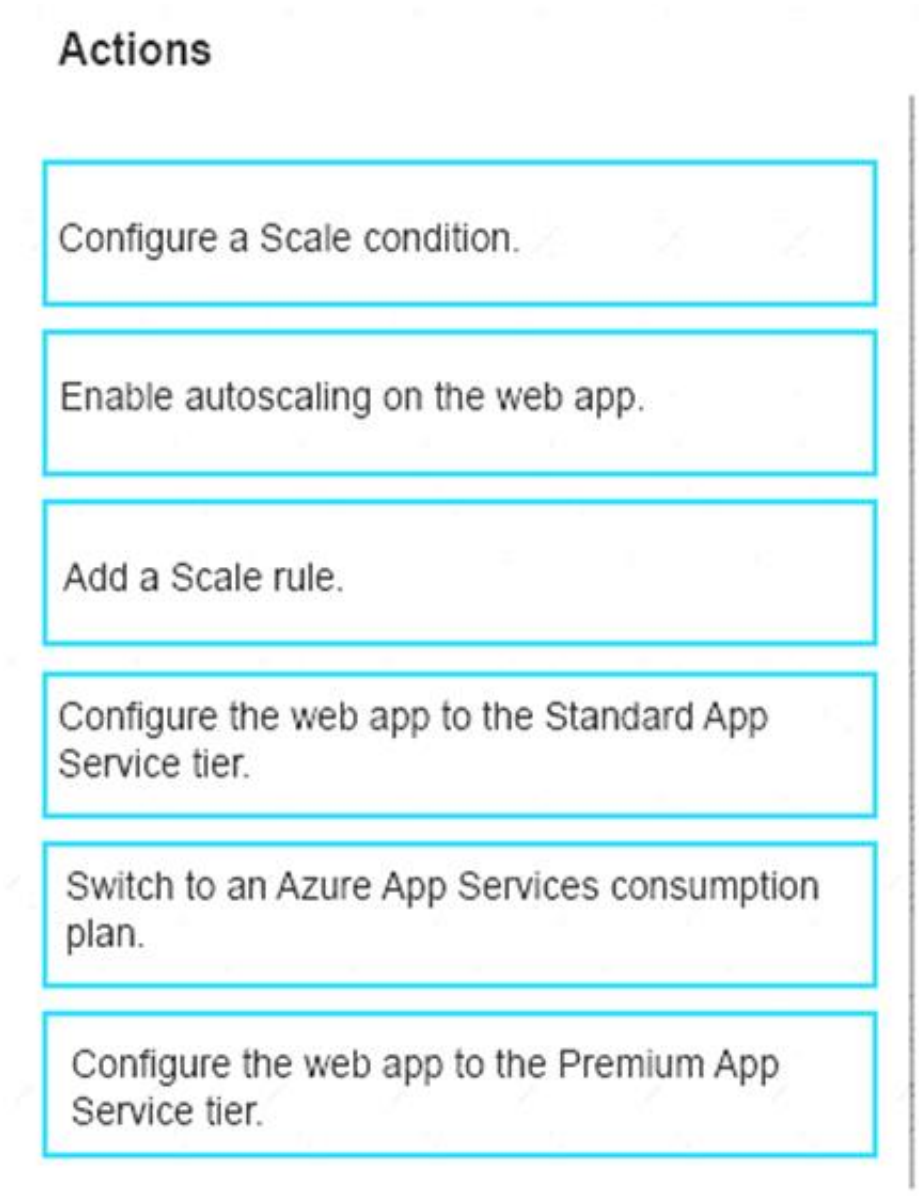


A. Mastered
B. Not Mastered

Answer: A

Explanation:
References:
https://docs.microsoft.com/en-us/azure/event-grid/monitor-virtual-machine-changes-event-grid-logic-app

NEW QUESTION 292
- (Exam Topic 9)
You develop a web app that uses the tier D1 app service plan by using the Web Apps feature of Microsoft Azure App Service.
Spikes in traffic have caused increases in page load times.
You need to ensure that the web app automatically scales when CPU load is about 85 percent and minimize costs.
Which four actions should you perform in sequence?

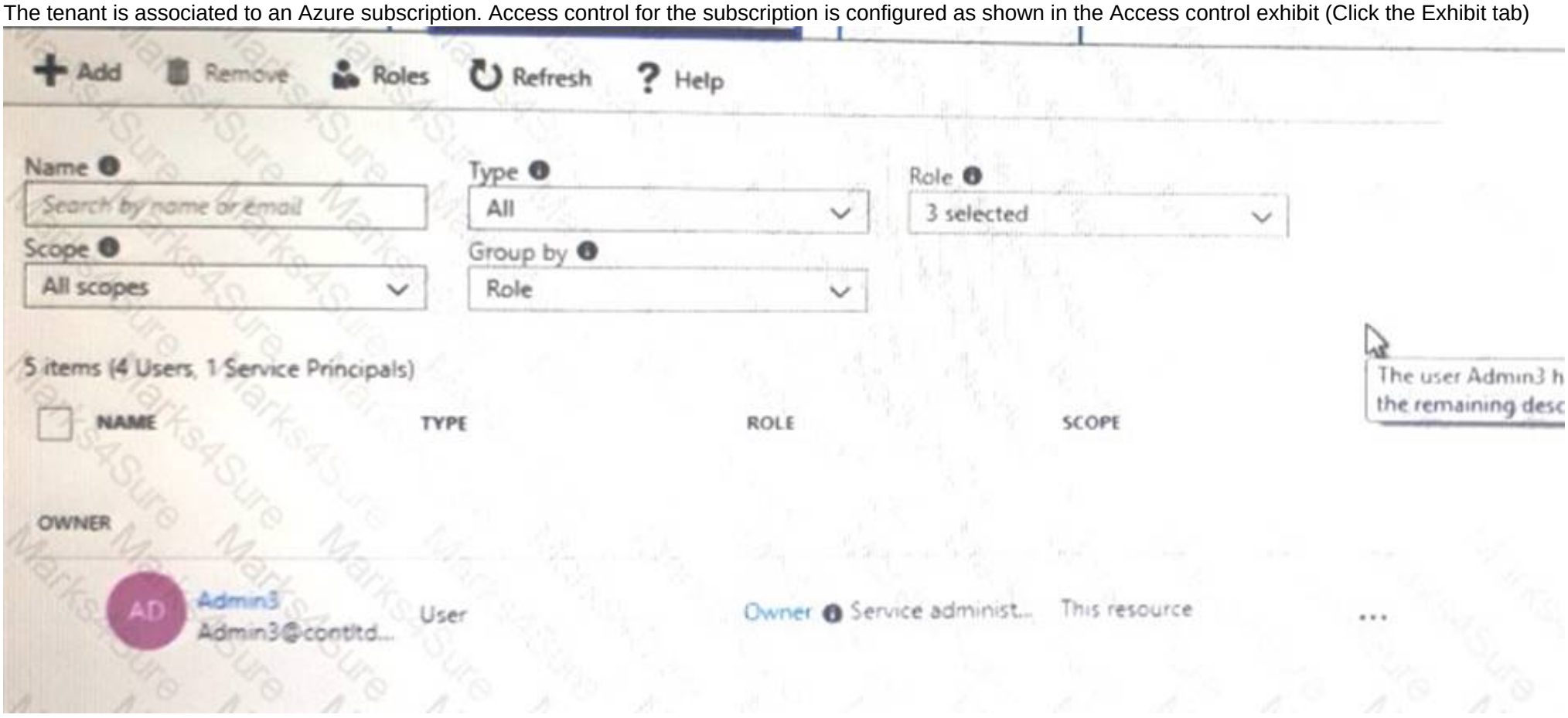


A. Mastered
B. Not Mastered

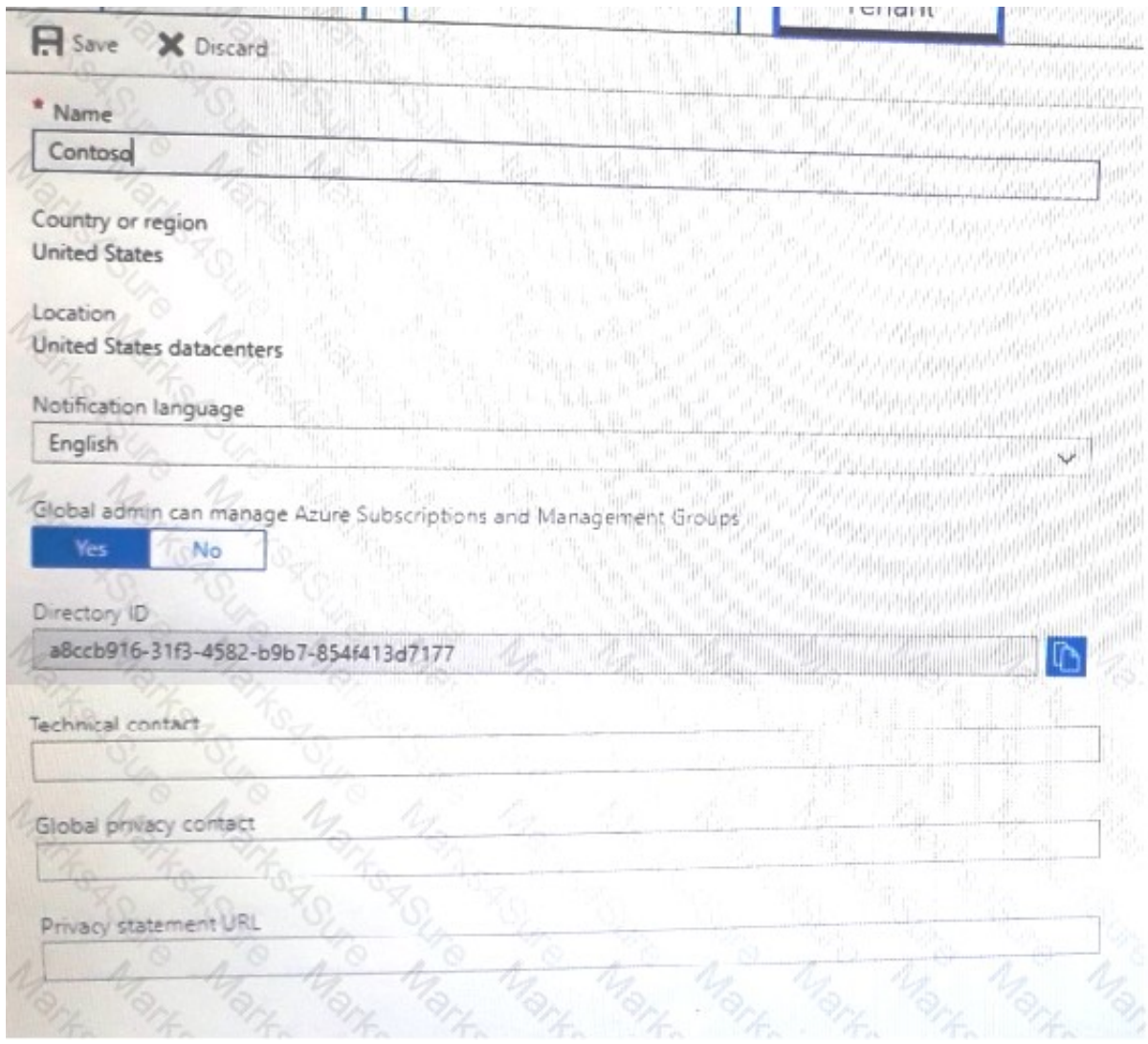
Answer: A

Explanation:
References:
https://docs.microsoft.com/en-us/azure/azure-monitor/platform/autoscale-get-started

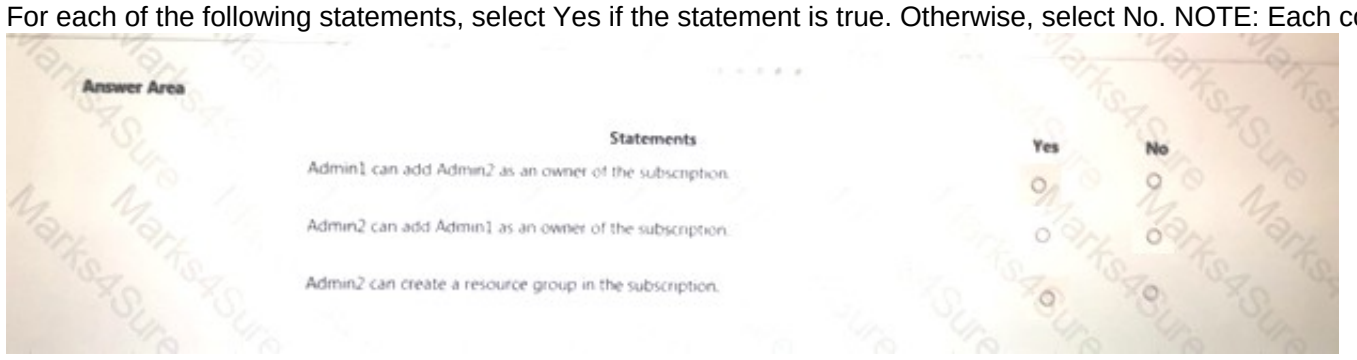
NEW QUESTION 297
- (Exam Topic 9)
You have an Azure Active Directory (Azure AD) tenant that contains three global administrators named Admin1. Admin2 and Admin1
The tenant is associated to an Azure subscription. Access control for the subscription is configured as shown in the Access control exhibit (Click the Exhibit tab)



You sign m to the Azure portal as Admin1 and configure the tenant as shown in the Tenant exhibit (Click the Exhibit tab.)



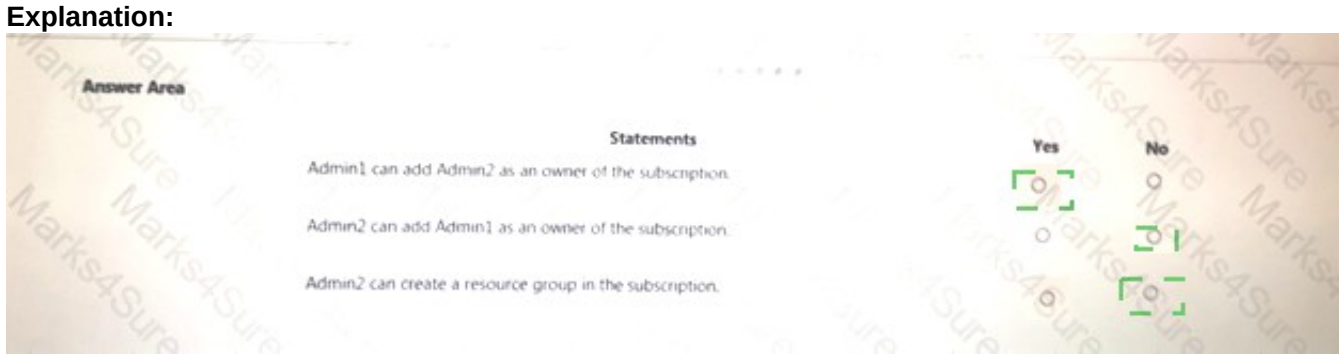
For each of the following statements, select Yes if the statement is true. Otherwise, select No. NOTE: Each correct selection is worth one point.



A. Mastered
B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 299
- (Exam Topic 9)
You are developing an Azure web application to store and archive patient medical records in Azure. You need to configure data storage to meet the following policies:
• Ensure that you can configure a retention period for patient records.
• Archived data must be readable.
• Archived data must not be modified or deleted.
Which Azure storage service should you use?

A. Azure Tables
B. Azure Blobs
C. Azure Queues
D. Azure Files

Answer: A

NEW QUESTION 300
- (Exam Topic 9)
NO: 57
You are developing an Azure Durable Function instance. You need to add a delay by using a durable timer. What type of function should you use?

A. Orchestrator
B. web hook
C. Client
D. Activity

Answer: D

NEW QUESTION 305
- (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 309
.....

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