Microsoft

Exam Questions AZ-303

Microsoft Azure Architect Technologies (beta)

NEW QUESTION 1
- (Exam Topic 1)
You are planning the move of App1 to Azure. You create a network security group (NSG).
You need to recommend a solution to provide users with access to App1. What should you recommend?

A. Create an outgoing security rule for port 443 from the Interne
B. Associate the NSG to all the subnets.
C. Create an incoming security rule for port 443 from the Interne
D. Associate the NSG to all the subnets.
E. Create an incoming security rule for port 443 from the Interne
F. Associate the NSG to the subnet that contains the web servers.
G. Create an outgoing security rule for port 443 from the Interne
H. Associate the NSG to the subnet that contains the web servers.

Answer: C

Explanation:
As App1 is public-facing we need an incoming security rule, related to the access of the web servers. Scenario: You have a public-facing application named App1.
App1 is comprised of the following three tiers: a SQL database, a web front end, and a processing middle tier.
Each tier is comprised of five virtual machines. Users access the web front end by using HTTPS only.

NEW QUESTION 2
- (Exam Topic 1)
You need to implement a backup solution for App1 after the application is moved. What should you create first?

A. a recovery plan
B. an Azure Backup Server
C. a backup policy
D. a Recovery Services vault

Answer: D

Explanation:
A Recovery Services vault is a logical container that stores the backup data for each protected resource, such as Azure VMs. When the backup job for a protected resource runs, it creates a recovery point inside the Recovery Services vault.
Scenario:
There are three application tiers, each with five virtual machines. Move all the virtual machines for App1 to Azure.
Ensure that all the virtual machines for App1 are protected by backups.
References: https://docs.microsoft.com/en-us/azure/backup/quick-backup-vm-portal

NEW QUESTION 3
- (Exam Topic 2)
You have an Azure subscription that contains an Azure key vault named KeyVault1 and the virtual machines shown in the following table.

Name	Connected to
VM1	VNET1/Subnet1
VM2	VNET1/Subnet2

KeyVault1 has an access policy that provides several users with Create Key permissions. You need to ensure that the users can only register secrets in KeyVault1 from VM1. What should you do?

A. Create a network security group (NSG) that is linked to Subnet1.
B. Configure the Firewall and virtual networks settings for KeyVault1.
C. Modify the access policy for KeyVault1.
D. Configure KeyVault1 to use a hardware security module (HSM).

Answer: C

Explanation:
You grant data plane access by setting Key Vault access policies for a key vault. Note 1: Grant our VM's system-assigned managed identity access to the Key Vault.
> Select Access policies and click Add new.
> In Configure from template, select Secret Management.
> Choose Select Principal, and in the search field enter the name of the VM you created earlier. Select the VM in the result list and click Select.
> Click OK to finishing adding the new access policy, and OK to finish access policy selection.
Note 2: Access to a key vault is controlled through two interfaces: the management plane and the data plane. The management plane is where you manage Key Vault itself. Operations in this plane include creating and deleting key vaults, retrieving Key Vault properties, and updating access policies. The data plane is where you work with the data stored in a key vault. You can add, delete, and modify keys, secrets, and certificates.
Reference:
https://docs.microsoft.com/en-us/azure/active-directory/managed-identities-azure-resources/tutorial-windows-vm https://docs.microsoft.com/en-us/azure/key-vault/general/secure-your-key-vault2

NEW QUESTION 4
- (Exam Topic 2)
You create a virtual machine scale set named Scale1. Scale1 is configured as shown in the following exhibit. The subscription contains the Azure SQL databases

shown in the following table.

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:
Box 1:
The Autoscale scale out rule increases the number of VMs by 2 if the CPU threshold is 80% or higher. The initial instance count is 4 and rises to 6 when the 2 extra instances of VMs are added.
Box 2:
The Autoscale scale in rule decreases the number of VMs by 4 if the CPU threshold is 30% or lower. The initial instance count is 4 and thus cannot be reduced to 0 as the minimum instances is set to 2. Instances are only added when the CPU threshold reaches 80%.
References:
https://docs.microsoft.com/en-us/azure/azure-monitor/platform/autoscale-overview
https://docs.microsoft.com/en-us/azure/azure-monitor/platform/autoscale-best-practices https://docs.microsoft.com/en-us/azure/azure-monitor/platform/autoscale-common-scale-patterns

NEW QUESTION 5
- (Exam Topic 2)
You create a new Azure subscription. You create a resource group named RG1. In RG1. you create the resources shown in the following table.

Name	Type
VNET1	Virtual network
VM1	Virtual machine
GWSN1	Gateway subnet
VPNGW1	Virtual network gateway

You need to configure an encrypted tunnel between your on-premises network and VNET1.
Which two additional resources should you create in Azure? Each correct answer presents part of the solution.

A. a point-to-site configuration
B. a local network gateway
C. a VNet-to-VNet connection
D. a VPN gateway
E. a site-to-site connection

Answer: DE

Explanation:
A Site-to-Site VPN gateway connection is used to connect your on-premises network to an Azure virtual network over an IPsec/IKE (IKEv1 or IKEv2) VPN tunnel.
This type of connection requires a VPN device, a local network gateway, located on-premises that has an externally facing public IP address assigned to it.
Finally, create a Site-to-Site VPN connection between your virtual network gateway and your on-premises VPN device.
References:
https://docs.microsoft.com/en-us/azure/vpn-gateway/vpn-gateway-howto-site-to-site-resource-manager-portal

NEW QUESTION 6
- (Exam Topic 2)
You have 10 Azure virtual machines on a subnet named Subnet1. Subnet1 is on a virtual network named VNet1.
You plan to deploy a public Azure Standard Load Balancer named LB1 to the same Azure region as the 10 virtual machines.
You need to ensure that traffic from all the virtual machines to the internet flows through LB1. The solution must prevent the virtual machines from being accessible on the internet.
Which three actions should you perform? Each correct answer presents part of the solution.
NOTE: Each correct selection is worth one point.

A. Add health probes to LB1.
B. Add the network interfaces of the virtual machines to the backend pool of LB1.
C. Add an inbound rule to LB1.
D. Add an outbound rule to LB1.
E. Associate a network security group (NSG) to Subnet1.
F. Associate a user-defined route to Subnet1.

Answer: ABD

Explanation:

Reference:
https://docs.microsoft.com/en-us/azure/load-balancer/tutorial-load-balancer-standard-manage-portal2

NEW QUESTION 7
- (Exam Topic 2)
You have an Azure subscription that contains multiple resource groups. You create an availability set as shown in the following exhibit.

You deploy 10 virtual machines to AS1.
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.

During planned maintenance, at least [**answer choice**]

4
5
6
8

virtual machines will be available.

To add another virtual machines to AS1, the virtual machines must be added to [**answer choice**].

any region and the RG1 resource group
the West Europe region and any resource group
the West Europe region and the RG1 resource group

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: 6
Two out of three update domains would be available, each with at least 3 VMs.
An update domain is a group of VMs and underlying physical hardware that can be rebooted at the same time. As you create VMs within an availability set, the Azure platform automatically distributes your VMs across these update domains. This approach ensures that at least one instance of your application always remains running as the Azure platform undergoes periodic maintenance.
Box 2: the West Europe region and the RG1 resource group References:
https://docs.microsoft.com/en-us/azure/virtual-machines/windows/regions-and-availability

NEW QUESTION 8
- (Exam Topic 2)
Note: This question is part of series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more
than one correct solution, while others might not have a correct solution.
After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.
You have an Azure Active Directory (Azure AD) tenant named contoso.com.
A user named Admin1 attempts to create an access review from the Azure Active Directory admin center and discovers that the Access reviews settings are unavailable. Admin1 discovers that all the other Identity Governance settings are available.
Admin1 is assigned the User administrator, Compliance administrator, and Security administrator roles. You need to ensure that the Admin1 can create access reviews in contoso.com.
Solution: You purchase an Azure Directory Premium P2 license for contoso.com. Does this meet the goal?

A. Yes
B. No

Answer: B

Explanation:
Instead use Azure AD Privileged Identity Management.
Note: PIM essentially helps you manage the who, what, when, where, and why for resources that you care about. Key features of PIM include:
» Conduct access reviews to ensure users still need roles References:
https://docs.microsoft.com/en-us/azure/active-directory/privileged-identity-management/pim-configure

NEW QUESTION 9
- (Exam Topic 2)
You have a virtual network named VNet1 as shown in the exhibit.

No devices are connected to VNet1.
You plan to peer VNet1 to another virtual network named Vnet2 in the same region. VNet2 has an address space of 10.2.0.0/16.
You need to create the peering. What should you do first?

A. Modify the address space of VNet1.
B. Configure a service endpoint on VNet2
C. Add a gateway subnet to VNet1.
D. Create a subnet on VNet1 and VNet2.

Answer: A

Explanation:
The virtual networks you peer must have non-overlapping IP address spaces. References:
https://docs.microsoft.com/en-us/azure/virtual-network/virtual-network-manage-peering#requirements-and-cons

NEW QUESTION 10
- (Exam Topic 2)
You have an Azure App Service app.
You need to implement tracing for the app. The tracing information must include the following:

≫ Usage trends

≫ AJAX call responses

≫ Page load speed by browser

≫ Server and browser exceptions
What should you do?

A. Configure IIS logging in Azure Log Analytics.
B. Configure a connection monitor in Azure Network Watcher.
C. Configure custom logs in Azure Log Analytics.
D. Enable the Azure Application Insights site extension.

Answer: D

Explanation:
For web pages, Application Insights JavaScript SDK automatically collects AJAX calls as dependencies. Note: Some of the things you can track or collect are:
What are the most popular webpages in your application, at what time of day and where is that traffic coming from?
Dependency rates or response times and failure rates to find out if there's an external service that's causing performance issues on your app, maybe a user is using a portal to get through to your application and there are response time issues going through there for instance.
Exceptions for both server and browser information, as well as page views and load performance from the end users' side.
Reference:
https://azure.microsoft.com/en-us/blog/ajax-collection-in-application-insights/ https://blog.pragmaticworks.com/what-is-application-insights

NEW QUESTION 10
- (Exam Topic 2)
An administrator plans to create a function app in Azure that will have the following settings:

≫ Runtime stack: .NET Core

≫ Operating System: Linux

➤ Plan type: Consumption

➤ Enable Application Insights: Yes

You need to ensure that you can back up the function app.

Which settings should you recommend changing before creating the function app? D18912E1457D5D1DDCBD40AB3BF70D5D

A. Runtime stack
B. Enable Application Insights
C. Operating System
D. Plan type

Answer: D

Explanation:
The Backup and Restore feature requires the App Service plan to be in the Standard, Premium or Isolated tier. Reference: https://docs.microsoft.com/en-us/azure/app-service/manage-backup#requirements-and-restrictions

NEW QUESTION 15
- (Exam Topic 2)
You have an Azure subscription that contains 10 virtual machines on a virtual network.
You need to create a graph visualization to display the traffic flow between the virtual machines. What should you do from Azure Monitor?

A. From Activity log, use quick insights.
B. From Metrics, create a chart.
C. From Logs, create a new query.
D. From Workbooks, create a workbook.

Answer: C

Explanation:
Navigate to Azure Monitor and select Logs to begin querying the data Reference: https://azure.microsoft.com/en-us/blog/analysis-of-network-connection-data-with-azure-monitor-for-virtual-mac

NEW QUESTION 19
- (Exam Topic 2)
You plan to automate the deployment of a virtual machine scale set that uses the Windows Server 2016 Datacenter image. You need to ensure that when the scale set virtual machines are provisioned, they have web server components installed. Which two actions should you perform? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

A. Create a new virtual machine scale set in the Azure portal.
B. Create an automation account.
C. Upload a configuration script.
D. Modify the extensionProfile section of the Azure Resource Manager template.
E. Create an Azure policy.

Answer: AD

Explanation:
 References:
https://docs.microsoft.com/en-us/azure/virtual-machine-scale-sets/tutorial-install-apps-template

NEW QUESTION 24
- (Exam Topic 2)
You plan to create an Azure Storage account named storage! that will store blobs and be accessed by Azure Databricks.
You need to ensure that you can set permissions for individual blobs by using Azure Active Directory (Azure AD) authentication.
Which Advanced setting should you enable for storage1?

A. Hierarchical namespace
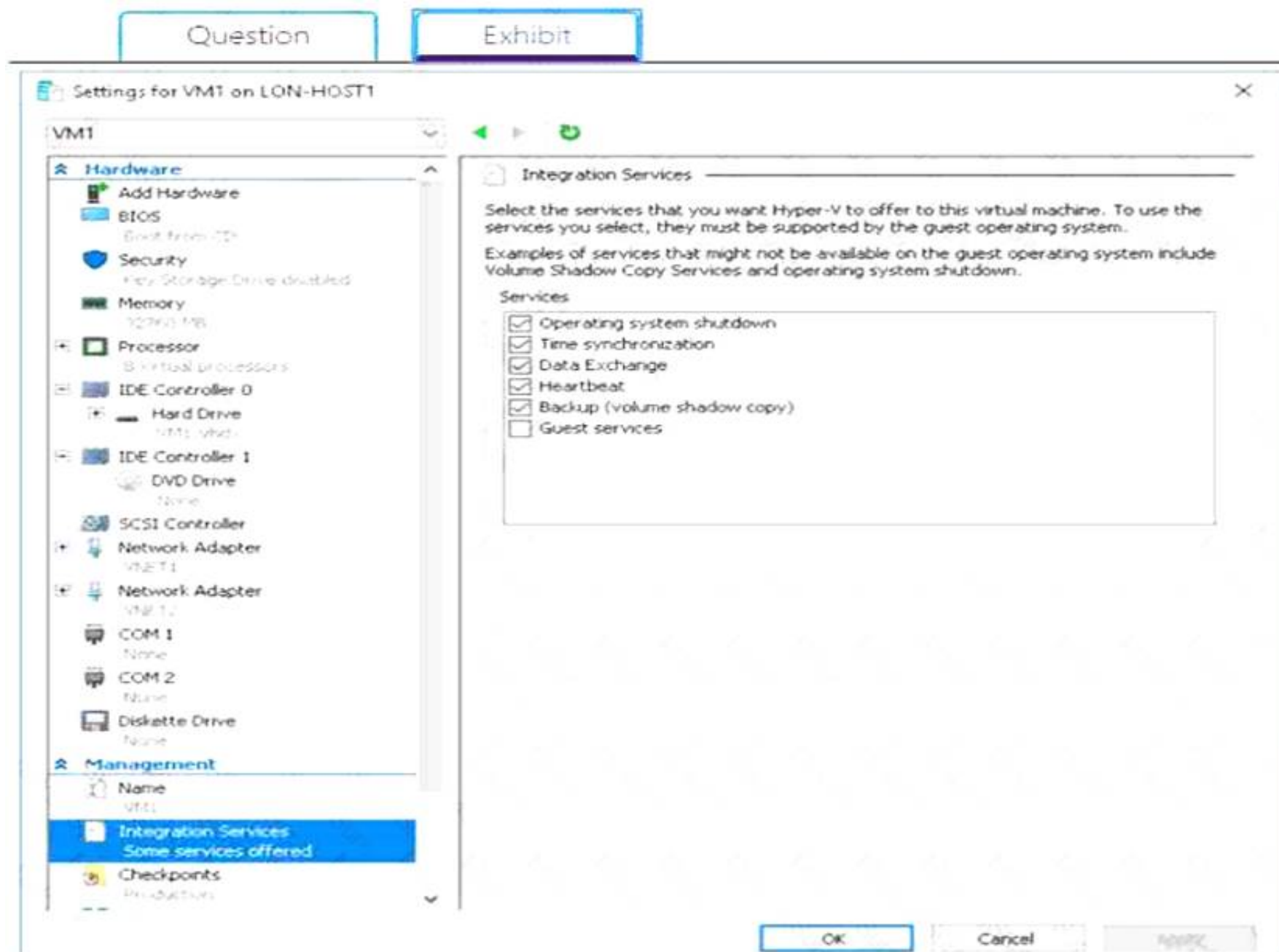B. Large file shares
C. Blob soft delete
D. NFSv3

Answer: C

NEW QUESTION 25
- (Exam Topic 2)
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: A

Explanation:
From the exhibit we see that the disk is in the VHDX format.
Before you upload a Windows virtual machines (VM) from on-premises to Microsoft Azure, you must prepare the virtual hard disk (VHD or VHDX). Azure supports only generation 1 VMs that are in the VHD file format and have a fixed sized disk. The maximum size allowed for the VHD is 1,023 GB. You can convert a generation 1 VM from the VHDX file system to VHD and from a dynamically expanding disk to fixed-sized.
References:
https://docs.microsoft.com/en-us/azure/virtual-machines/windows/prepare-for-upload-vhd-image?toc=azure virtual-machines windows toc.json

NEW QUESTION 28
- (Exam Topic 2)
You have an Azure subscription that contains 100 virtual machines.
You have a set of Pester tests in PowerShell that validate the virtual machine environment.
You need to run the tests whenever there is an operating system update on the virtual machines. The solution must minimize implementation time and recurring costs.
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Which three resources should you use to implement the tests? Each correct answer presents part of the solution.
NOTE: Each correct selection is worth one point.

A. Azure Automation runbook
B. an alert rule
C. an Azure Monitor query
D. a virtual machine that has network access to the 100 virtual machines
E. an alert action group

Answer: ABE

Explanation:
Reference:
https://docs.microsoft.com/en-us/azure/automation/automation-create-alert-triggered-runbook https://techsnips.io/snips/how-to-create-and-test-azure-monitor-alerts/?page=13

NEW QUESTION 32
- (Exam Topic 2)

Note: This question is part of 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.

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You have an Azure Active Directory (Azure AD) tenant named contoso.com.

A user named Admin1 attempts to create an access review from the Azure Active Directory admin center and discovers that the Access reviews settings are unavailable. Admin1 discovers that all the other Identity Governance settings are available.

Admin1 is assigned the User administrator, Compliance administrator, and Security administrator roles. You need to ensure that Admin1 can create access reviews in contoso.com.

Solution: You assign the Service administrator role to Admin1. Does this meet the goal?

A. Yes
B. No

Answer: B

Explanation:

Instead use Azure AD Privileged Identity Management.

Note: PIM essentially helps you manage the who, what, when, where, and why for resources that you care about. Key features of PIM include:

> Conduct access reviews to ensure users still need roles References:
https://docs.microsoft.com/en-us/azure/active-directory/privileged-identity-management/pim-configure

NEW QUESTION 36
- (Exam Topic 2)
You have an Azure subscription that contains an Azure Log Analytics workspace. You have a resource group that contains 100 virtual machines. The virtual machines run Linux. You need to collect events from the virtual machines to the Log Analytics workspace. Which type of data source should you configure in the workspace?

A. Syslog
B. Linux performance counters
C. custom fields

Answer: A

Explanation:

https://docs.microsoft.com/en-us/azure/azure-monitor/learn/quick-collect-azurevm

Syslog is an event logging protocol that is common to Linux. Applications will send messages that may be stored on the local machine or delivered to a Syslog collector. When the Log Analytics agent for Linux is installed, it configures the local Syslog daemon to forward messages to the agent. The agent then sends the message to Azure Monitor where a corresponding record is created.

Reference:
https://docs.microsoft.com/en-us/azure/azure-monitor/platform/data-sources-custom-logs

NEW QUESTION 41
- (Exam Topic 2)
You have an Azure subscription named Subscription1 that contains a virtual network named VNet1. You add the users in the following table.

User	Role
User1	Owner
User2	Security Admin
User3	Network Contributor

Which user can perform each configuration? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Add a subnet to VNet1:
- User1 only
- User3 only
- User1 and User3 only
- User2 and User3 only
- User1, User2, and User3

Assign a user the Reader role to VNet1:
- User1 only
- User2 only
- User3 only
- User1 and User2 only
- User2 and User3 only
- User1, User2, and User3

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Box 1: User1 and User3 only.
The Owner Role lets you manage everything, including access to resources.
The Network Contributor role lets you manage networks, but not access to them. Box 2: User1
The Security Admin role: In Security Center only: Can view security policies, view security states, edit security policies, view alerts and recommendations, dismiss alerts and recommendations.
References:
https://docs.microsoft.com/en-us/azure/role-based-access-control/built-in-roles

NEW QUESTION 44
- (Exam Topic 2)
Note: This question is part of series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.
After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.
You have an Azure Active Directory (Azure AD) tenant that contains a group named Group1. You need to enable multi-factor authentication (MFA) for the users in Group1 only.
Solution: From Multi-Factor Authentication, you select Bulk update, and you provide a CSV file that contains the members of Group1.
Does this meet the goal?

A. Yes
B. No

Answer: B

Explanation:
We should use a Conditional Access policy.
Note: There are two ways to secure user sign-in events by requiring multi-factor authentication in Azure AD. The first, and preferred, option is to set up a Conditional Access policy that requires multi-factor authentication under certain conditions. The second option is to enable each user for Azure Multi-Factor Authentication. When users are enabled individually, they perform multi-factor authentication each time they sign in (with some exceptions, such as when they sign in from trusted IP addresses or when the remembered devices feature is turned on).
Enabling Azure Multi-Factor Authentication using Conditional Access policies is the recommended approach. Changing user states is no longer recommended unless your licenses don't include Conditional Access as it requires users to perform MFA every time they sign in.
Reference:
https://docs.microsoft.com/en-us/azure/active-directory/authentication/howto-mfa-userstates

NEW QUESTION 48
- (Exam Topic 2)
You have an Azure logic app named App1 and an Azure Service Bus queue named Queue1.
You need to ensure that App1 can read messages from Queue1. App1 must authenticate by using Azure Active Directory (Azure AD).
What should you do? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

On App1:
- Add a logic app step
- Configure Access control (IAM)
- Regenerate the access key
- Turn on the managed identity

On Queue1:
- Add a read-only lock
- Add a shared access policy
- Configure Access control (IAM)
- Modify the properties

A. Mastered
B. Not Mastered

Answer: A

Explanation:
On App1: Turn on the managed identity
To use Service Bus with managed identities, you need to assign the identity the role and the appropriate scope. The procedure in this section uses a simple application that runs under a managed identity and accesses Service Bus resources.
Once the application is created, follow these steps:
➢ Go to Settings and select Identity.
➢ Select the Status to be On.
➢ Select Save to save the setting.
On Queue1: Configure Access Control (IAM)
Azure Active Directory (Azure AD) authorizes access rights to secured resources through role-based access control (RBAC). Azure Service Bus defines a set of built-in RBAC roles that encompass common sets of permissions used to access Service Bus entities and you can also define custom roles for accessing the data.
Assign RBAC roles using the Azure portal
In the Azure portal, navigate to your Service Bus namespace. Select Access Control (IAM) on the left menu to display access control settings for the namespace. If you need to create a Service Bus namespace.
Select the Role assignments tab to see the list of role assignments. Select the Add button on the toolbar and then select Add role assignment.
Reference:
https://docs.microsoft.com/en-us/azure/service-bus-messaging/authenticate-application https://docs.microsoft.com/en-us/azure/service-bus-messaging/service-bus-managed-service-identity

NEW QUESTION 49

- (Exam Topic 2)
Your company plans to develop an application that will use a NoSQL database. The database will be used to store transactions and customer information by using JSON documents. Which two Azure Cosmos DB APIs can developers use for the application? Each correct answer presents a complete solution. NOTE: Each correct selection is worth one point.

A. Cassandra
B. Gremlin (graph)
C. MongoDB
D. Azure Table
E. Core (SQL)

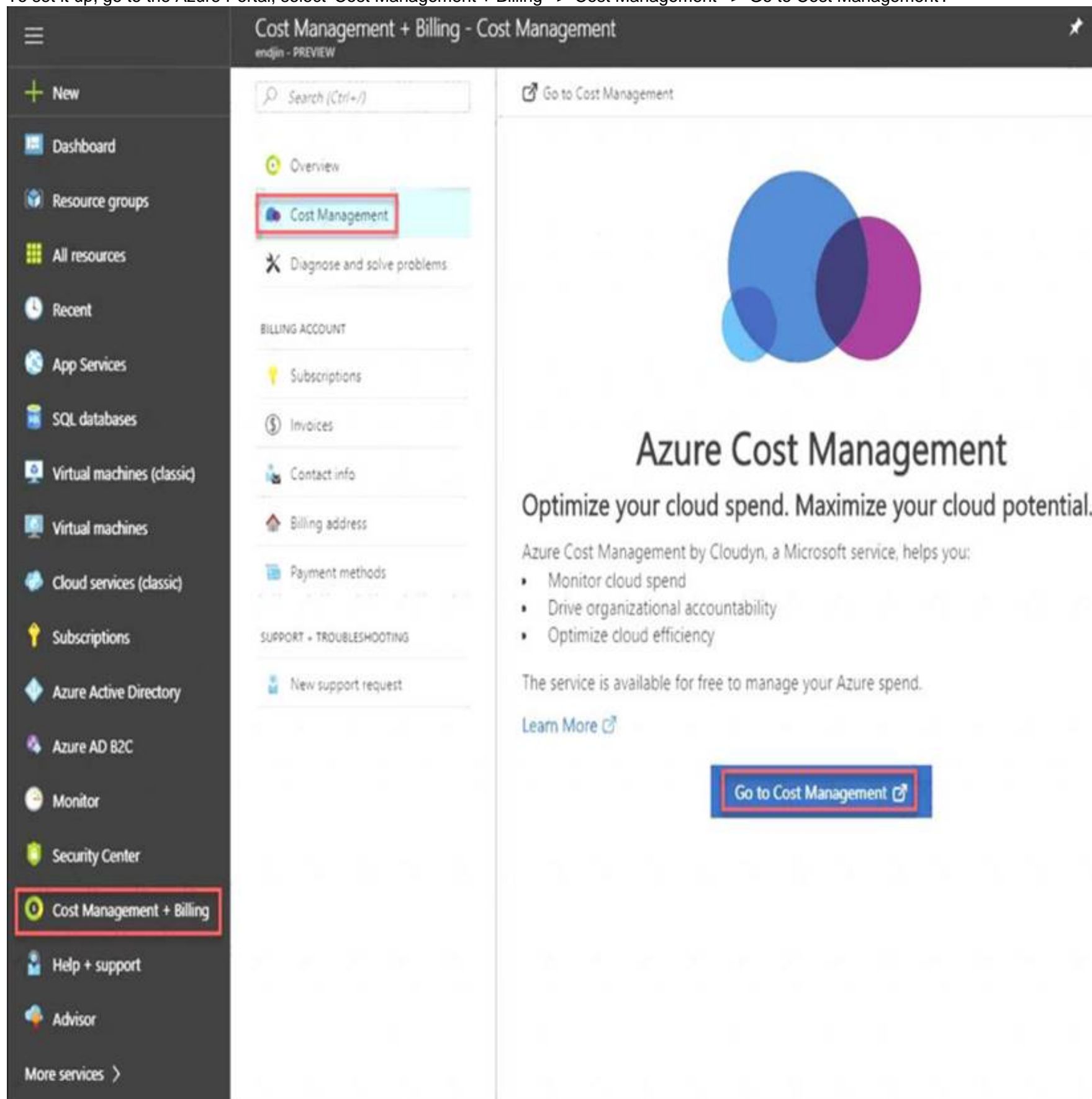**Answer:** DE

NEW QUESTION 50
- (Exam Topic 2)
You have an Azure subscription that contains a resource group named RG1. RG1 contains multiple resources. You need to trigger an alert when the resources in RG1 consume $1,000 USD.
What should you do?

A. From Cost Management + Billing, add a cloud connector.
B. From the subscription, create an event subscription.
C. From Cost Management + Billing create a budget.
D. From RG1, create an event subscription.

Answer: C

Explanation:
Create budgets to manage costs and create alerts that automatically notify you are your stakeholders of spending anomalies and overspending.
To set it up, go to the Azure Portal, select 'Cost Management + Billing' -> 'Cost Management' -> 'Go to Cost Management'.

Note: Cost alerts are automatically generated based when Azure resources are consumed. Alerts show all active cost management and billing alerts together in one place. When your consumption reaches a given threshold, alerts are generated by Cost Management. There are three types of cost alerts: budget alerts,

credit alerts, and department spending quota alerts.
Reference:
https://docs.microsoft.com/en-us/azure/cost-management-billing/manage/getting-started

NEW QUESTION 55
- (Exam Topic 2)
You create the following Azure role definition.

```
{
    "Name":  "Role1",
    "Id":  "80808080-8080-8080-8080-808080808080",
    "IsCustom":  false,
    "Description":  "",
    "Actions":  [
                    "Microsoft.Storage/*/read",
                    "Microsoft.Network/*/read",
                    "Microsoft.Compute/virtualMachines/start/action",
                    "Microsoft.Compute/virtualMachines/restart/action",
                    "Microsoft.Authorization/*/read"],
    "NotActions":  [  ],
    "DataActions":  [ ],
    "NotDataActions":  [    ],
    "AssignableScopes":  [   ]
}
```

You need to create Role1 by using the role definition.
Which two values should you modify before you create Role1? Each correct answer presents part of the solution.
NOTE: Each correct selection is worth one point.

A. AssignableScopes
B. Description
C. DataActions
D. IsCustom
E. Id

Answer: AD

Explanation:
 Part of example: "IsCustom": true,
"AssignableScopes": ["/subscriptions/{subscriptionId1}", "/subscriptions/{subscriptionId2}",
"/subscriptions/{subscriptionId3}"
The following shows what a custom role looks like as displayed in JSON format. This custom role can be used for monitoring and restarting virtual machines.
{
"Name": "Virtual Machine Operator",
"Id": "88888888-8888-8888-8888-888888888888",
"IsCustom": true,
"Description": "Can monitor and restart virtual machines.", "Actions": [
"Microsoft.Storage/*/read", "Microsoft.Network/*/read", "Microsoft.Compute/*/read", "Microsoft.Compute/virtualMachines/start/action",
"Microsoft.Compute/virtualMachines/restart/action", "Microsoft.Authorization/*/read", "Microsoft.ResourceHealth/availabilityStatuses/read",
"Microsoft.Resources/subscriptions/resourceGroups/read", "Microsoft.Insights/alertRules/*", "Microsoft.Insights/diagnosticSettings/*", "Microsoft.Support/*"
],
"NotActions": [],
"DataActions": [], "NotDataActions": [], "AssignableScopes": ["/subscriptions/{subscriptionId1}",
"/subscriptions/{subscriptionId2}", "/subscriptions/{subscriptionId3}"
]
}
Reference:
https://docs.microsoft.com/en-us/azure/role-based-access-control/custom-roles

NEW QUESTION 59
- (Exam Topic 2)
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 to the answer area. NOTE: Each correct selection is worth one point.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
https://docs.microsoft.com/en-us/azure/active-directory/conditional-access/concept-conditional-access-policies

NEW QUESTION 62
- (Exam Topic 2)
Your company has an Azure Container Registry named Registry1.
You have an Azure virtual machine named Server1 that runs Windows Server 2019. From Server1, you create a container image named image1.
You need to add image1 to Registry1.
Which command should you run on Server1? 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:
An Azure container registry stores and manages private Docker container images, similar to the way Docker Hub stores public Docker images. You can use the Docker command-line interface (Docker CLI) for login, push, pull, and other operations on your container registry.
Reference:
https://docs.microsoft.com/en-us/azure/container-registry/container-registry-get-started-docker-cli https://docs.docker.com/engine/reference/commandline/push/

NEW QUESTION 63
- (Exam Topic 2)
You are developing an Azure Web App. You configure TLS mutual authentication for the web app.
You need to validate the client certificate in the web app. To answer, select the appropriate options in the answer area.

Property	Value
Client certificate location	▼
	HTTP request header
	Client cookie
	HTTP message body
	URL query string
Encoding type	▼
	HTML
	URL
	Unicode
	Base64

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Property	Value
Client certificate location	▼
	HTTP request header
	Client cookie
	HTTP message body
	URL query string
Encoding type	▼
	HTML
	URL
	Unicode
	Base64

NEW QUESTION 64
- (Exam Topic 2)
The developers at your company request that you create databases in Azure Cosmos DB as shown in the following table.

Name	Requirement
CosmosDB1	• Provides a throughput of 1,200 RU/s • Has multiple write regions • Uses the Core (SQL) API
CosmosDB2	• Provides a throughput of 800 RU/s • Uses the MongoDB API
CosmosDB3	• Provides a throughput of 1,200 RU/s • Has only one write region • Uses the Core (SQL) API
CosmosDB4	• Provides a throughput of 2,000 RU/s • Uses the MongoDB API

You need to create the Azure Cosmos DB databases to meet the developer request. The solution must minimize costs.
What are two possible ways to achieve the goal? Each correct answer presents a complete solution.
NOTE: Each correct selection is worth one point.

A. Create three Azure Cosmos DB accounts, one for the databases that use the Core (SQL) API, one for CosmosDB2, and one for CosmosDB4.
B. Create two Azure Cosmos DB accounts, one for CosmosDB2 and CosmosDB4 and one for CosmosDB1 and CosmosDB3.
C. Create one Azure Cosmos DB account for each database.
D. Create three Azure Cosmos DB accounts, one for the databases that use the MongoDB API, one for CosmosDB1, and one for CosmosDB3.

Answer: BD

Explanation:
 Note:
Microsoft recommends using the same API for all access to the data in a given account.
One throughput provisioned container per subscription for SQL, Gremlin API, and Table accounts. Up to three throughput provisioned collections per subscription for MongoDB accounts.
The throughput provisioned on an Azure Cosmos container is exclusively reserved for that container. The container receives the provisioned throughput all the time.
Reference:
https://docs.microsoft.com/en-us/azure/cosmos-db/set-throughput#set-throughput-on-a-container

NEW QUESTION 65
- (Exam Topic 2)
You have SQL Server on an Azure virtual machine named SQL1.
You need to automate the backup of the databases on SQL1 by using Automated Backup v2 for the virtual machines. The backups must meet the following requirements:
• Meet a recovery point objective (RPO) of 15 minutes.
• Retain the backups for 30 days.
• Encrypt the backups at rest.
What should you provision as part of the backup solution?

A. Azure Key Vault
B. an Azure Storage account
C. a Recovery Services vault
D. Elastic Database jobs

Answer: B

Explanation:
An Azure storage account is used for storing Automated Backup files in blob storage. A container is created at this location to store all backup files. The backup file naming convention includes the date, time, and database GUID.
Reference:
https://docs.microsoft.com/en-us/azure/azure-sql/virtual-machines/windows/automated-backup

NEW QUESTION 70
- (Exam Topic 2)
You have an Azure subscription that contains two virtual networks named VNet1 and VNet2. Virtual machines connect to the virtual networks.
The virtual networks have the address spaces and the subnets configured as shown in the following table.

Virtual network	Address space	Subnet	Peering
VNet1	10.1.0.0/16	10.1.0.0/24 10.1.1.0/26	VNet2
VNet2	10.2.0.0/26	10.2.0.0/24	VNet1

You need to add the address space of 10.33.0.0/16 to VNet1. The solution must ensure that the hosts on VNet1 and VNet2 can communicate.

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

Actions	Answer Area
Remove peering between VNet1 and VNet2.	
Recreate peering between VNet1 and VNet2.	
On the peering connection in VNet1, allow gateway transit.	
Add the 10.33.0.0/16 address space to VNet1.	
On the peering conenction in VNet2, allow gateway transit.	
Create a new virtual network named VNet1.	
Remove VNet1.	

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Step 1: Remove peering between Vnet1 and VNet2.
You can't add address ranges to, or delete address ranges from a virtual network's address space once a virtual network is peered with another virtual network. To add or remove address ranges, delete the peering, add or remove the address ranges, then re-create the peering. Step 2: Add the 10.44.0.0/16 address space to VNet1. Step 3: Recreate peering between VNet1 and VNet2 References:
https://docs.microsoft.com/en-us/azure/virtual-network/virtual-network-manage-peering

NEW QUESTION 71
- (Exam Topic 2)
You have an Azure Resource Manager template named Template1 in the library as shown in the following exhibit.

ARM Template
template1

```
1   {
2       "$schema": "https:/schema.management.azure.com/
        schemas/2015-01-01/deploymentTemplate.json#",
3       "contentVersion": "1.0.0.0",
4       "parameters": {},
5       "resources": [
6           {
7               "apiVersion": "2016-01-01",
8               "type": "Microsoft.Storage/storageAccounts",
9               "name": "[concat(copyIndex(),'storage',
        uniqueString(resourceGroup().id))]",
10              "location": "[resourceGroup().location]",
11              "sku": {
12                  "name": "Premium_LRS"
13              },
14              "kind": "Storage",
15              "properties": {},
16              "copy": {
17                  "name": "storagecopy",
18                  "count": 3,
19                  "mode": "Serial",
20                  "batchSize": 1
21              }
22          }
23
24      ]
25  }
26
```

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.

During the deployment of Template1, you can specify [answer choice].

the number of resources to deploy
the name of the resources to deploy
the resource group to which to deploy the resources
the permissions for the resources that will be deployed

Template1 deploys [answer choice].

a single storage account in one resource group
three storage accounts in one resource group
three resource groups that each has one storage account
three resource groups that each has three storage accounts

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Reference:
https://docs.microsoft.com/en-us/azure/azure-resource-manager/templates/template-syntax

NEW QUESTION 74
- (Exam Topic 2)
You have an Azure subscription that contains the resources shown in the following table.

Name	Type	Address space
VNET1	Virtual network	10.1.1.0/24
Subnet1	Subnet	10.1.1.0/24
VM1	Virtual machine	Not applicable

Subnet1 is on VNET1. VM1 connects to Subnet1.
You plan to create a virtual network gateway on VNET1.
You need to prepare the environment for the planned virtual network gateway.
What are two ways to achieve this goal? Each correct answer presents a complete solution. NOTE: Each correct selection is worth one point.

A. Create a subnet named GatewaySubnet on VNET1.
B. Delete Subnet1.
C. Modify the address space used by Subnet1.
D. Modify the address space used by VNET1
E. Create a local network gateway.

Answer: AD

NEW QUESTION 75
- (Exam Topic 2)
Note: This question is part of series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.
After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.
You have a server named Server1 that runs Windows Server 2019. Server1 is a container host. You are creating a Dockerfile to build a container image.
You need to add a file named File1.txt from Server1 to a folder named C:\Folder1 in the container image. Solution: You add the following line to the Dockerfile.
Copy-Item File1.txt C:\Folder1\File1.txt You then build the container image. Does this meet the goal?

A. Yes
B. No

Answer: B

Explanation:
Copy-Item is not supported. Copy is the correct command to copy a file to the container image. References:
https://docs.docker.com/develop/develop-images/dockerfile_best-practices/#add-or-copy https://docs.docker.com/engine/reference/builder/

NEW QUESTION 79
- (Exam Topic 2)
You have Azure virtual machines deployed to three Azure regions. Each region contains a single virtual network that has four virtual machines on the same subnet. Each virtual machine runs an application named App1. App1 is accessible by using HTTPS. Currently, the virtual machines are inaccessible from the internet.
You need to use Azure Front Door to load balance requests for App1 across all the virtual machines. Which additional Azure service should you provision?

A. a public Azure Load Balancer
B. Azure Traffic Manager
C. an internal Azure Load Balancer
D. Azure Private Link

Answer: A

NEW QUESTION 80
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