AZ-303 Dumps

Microsoft Azure Architect Technologies (beta)

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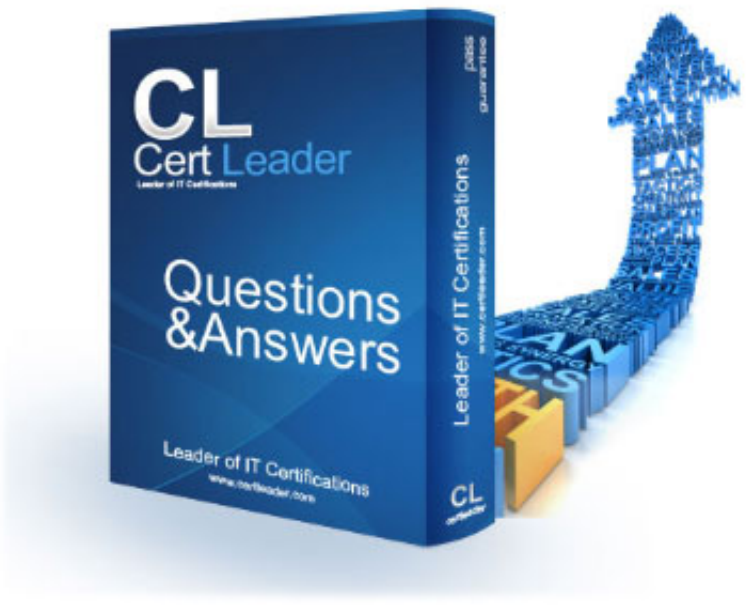


NEW QUESTION 1
- (Exam Topic 1)
You need to meet the user requirement for Admin1. What should you do?

A. From the Subscriptions blade, select the subscription, and then modify the Properties.
B. From the Subscriptions blade, select the subscription, and then modify the Access control (IAM) settings.
C. From the Azure Active Directory blade, modify the Properties.
D. From the Azure Active Directory blade, modify the Groups.

Answer: A

Explanation:
Change the Service administrator for an Azure subscription
- Sign in to Account Center as the Account administrator.
- Select a subscription.
- On the right side, select Edit subscription details.

Scenario: Designate a new user named Admin1 as the service administrator of the Azure subscription. References:
https://docs.microsoft.com/en-us/azure/billing/billing-add-change-azure-subscription-administrator

NEW QUESTION 2
- (Exam Topic 2)
Your network contains an on-premises Active Directory domain named contoso.com. The domain contains the users shown in the following table.

Name	Member of
User1	Domain Admins
User2	Domain Users
User3	ADSyncAdmins
User4	Account Operators

You plan to install Azure AD Connect and enable SSO.
You need to specify which user to use to enable SSO. The solution must use the principle of least privilege. Which user should you specify?

A. User4
B. User1
C. User3
D. User2

Answer: C

NEW QUESTION 3
- (Exam Topic 2)
You have an Azure SQL database named Db1 that runs on an Azure SQL server named SQLserver1. You need to ensure that you can use the query editor on the Azure portal to query Db1.
What should you do?

A. Modify the Advanced Data Security settings of Db1
B. Configure the Firewalls and virtual networks settings for SQLserver1
C. Copy the ADO.NET connection string of Db1 and paste the string to the query editor
D. Approve private endpoint connections for SQLserver1

Answer: B

Explanation:
Reference:
https://docs.microsoft.com/en-us/azure/sql-database/sql-database-connect-query-portal

NEW QUESTION 4
- (Exam Topic 2)
You have an Azure Resource Manager template for a virtual machine named Template1. Template1 has the following parameters section.

```
"parameters": {
    "adminUsername": {
        "type": "string"
    },
    "adminPassword": {
        "type": "securestring"
    },
    "dnsLabelPrefix": {
        "type": "string"
    },
    "windowsOSVersion": {
        "type": "string"
        "defaultValue": "2016-Datacenter",
        "allowedValues": [
            "2016-Datacenter",
            "2019-Datacenter"
        ]
    },
    "location": {
        "type": "String",
        "allowedValues": [
            "eastus",
            "centralus",
            "westus" ]
    }
},
```

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

Statements	Yes	No
When you deploy Template1, you are prompted for a resource group.	○	○
When you deploy Template1, you are prompted for the Windows operating system version.	○	○
When you deploy Template1, you are prompted for a location.	○	○

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: Yes
The Resource group is not specified.
Box 2: No
The default value for the operating system is Windows 2016 Datacenter.
Box 3: Yes
Location is no default value. References:
https://docs.microsoft.com/bs-latn-ba/azure/virtual-machines/windows/ps-template

NEW QUESTION 5
- (Exam Topic 2)
You have an Azure subscription named Subscription1 that is used by several departments at your company. Subscription1 contains the resources in the following table.

Name	Type
Storage1	Storage account
RG1	Resource group
Container1	Blob container
Share1	File share

Another administrator deploys a virtual machine named VM1 and an Azure Storage account named Storage2 by using a single Azure Resource Manager template.
You need to view the template used for the deployment.
From which blade can you view the template that was used for the deployment?

A. Container1

B. VM1
C. Storage2
D. RG1

Answer: D

NEW QUESTION 6
- (Exam Topic 2)
You have an Azure subscription that contains the resource groups shown in the following table.

Name	Location
RG1	West US
RG2	East US

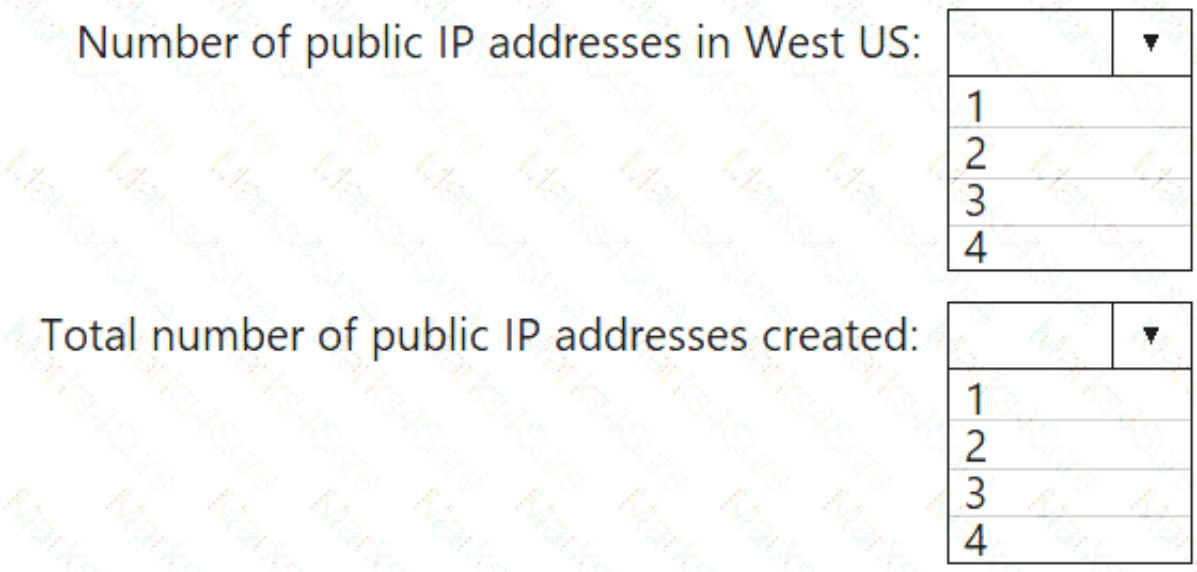
You create an Azure Resource Manager template named Template1 as shown in the following exhibit.

```
{
    "$schema": "http://schema.management.azure.com/schemas/2015-01-01/deploymentTemplate.json#",
    "contentVersion": "1.0.0.0",
    "parameters": {
        "name": {
            "type": "String"
        },
        "location": {
           "defaultValue": "westus",
            "type": "String"
        }
    },
    "variables": {
             "location": "[resourceGroup().location]"
       },
    "resources": [
        {
            "type": "Microsoft.Network/publicIPAddresses",
            "apiVersion": "2019-11-01",
            "name": "[parameters('name')]",
            "location": "[variables('location')]",
            "sku": {
                "name": "Basic"
            },
            "properties": {
                "publicIPAddressVersion": "IPv4",
                "publicIPAllocationMethod": "Dynamic",
                "idleTimeoutInMinutes": 4,
                "ipTags": []
            }
        }
    ]
}
```

From the Azure portal, you deploy Template1 four times by using the settings shown in the following table.

Resource group	Name	Location
RG1	IP1	westus
RG1	IP2	westus
RG2	IP1	westus
RG2	IP3	westus

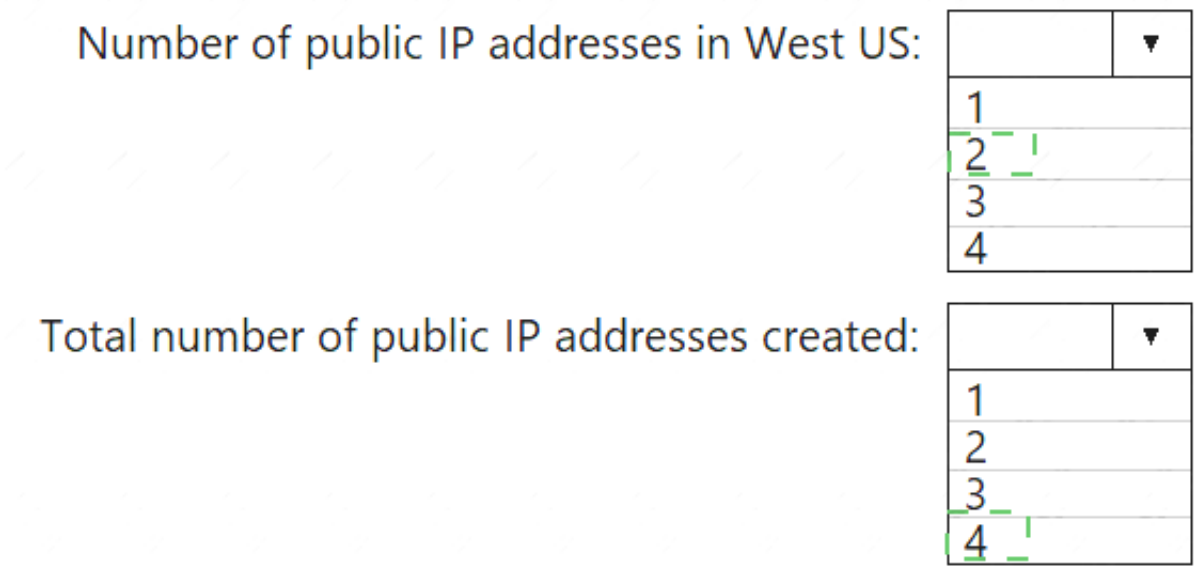
What is the result of the deployment? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.



A. Mastered
B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 7
- (Exam Topic 2)
A company hosts virtual machines (VMs) in an on-premises datacenter and in Azure. The on-premises and Azure-based VMs communicate using ExpressRoute. The company wants to be able to continue regular operations if the ExpressRoute connection fails. Failover connections must use the Internet and must not require Multiprotocol Label Switching (MPLS) support.
You need to recommend a solution that provides continued operations. What should you recommend?

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

Answer: D

Explanation:

References:
https://docs.microsoft.com/en-us/azure/architecture/reference-architectures/hybrid-networking/expressroutevpn-

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 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.onmicrosoft.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.

Adatum.com: User1, User2, User3, User4, User5

Adatum.onmicrosoft.com: UserA, UserB, UserC, UserD

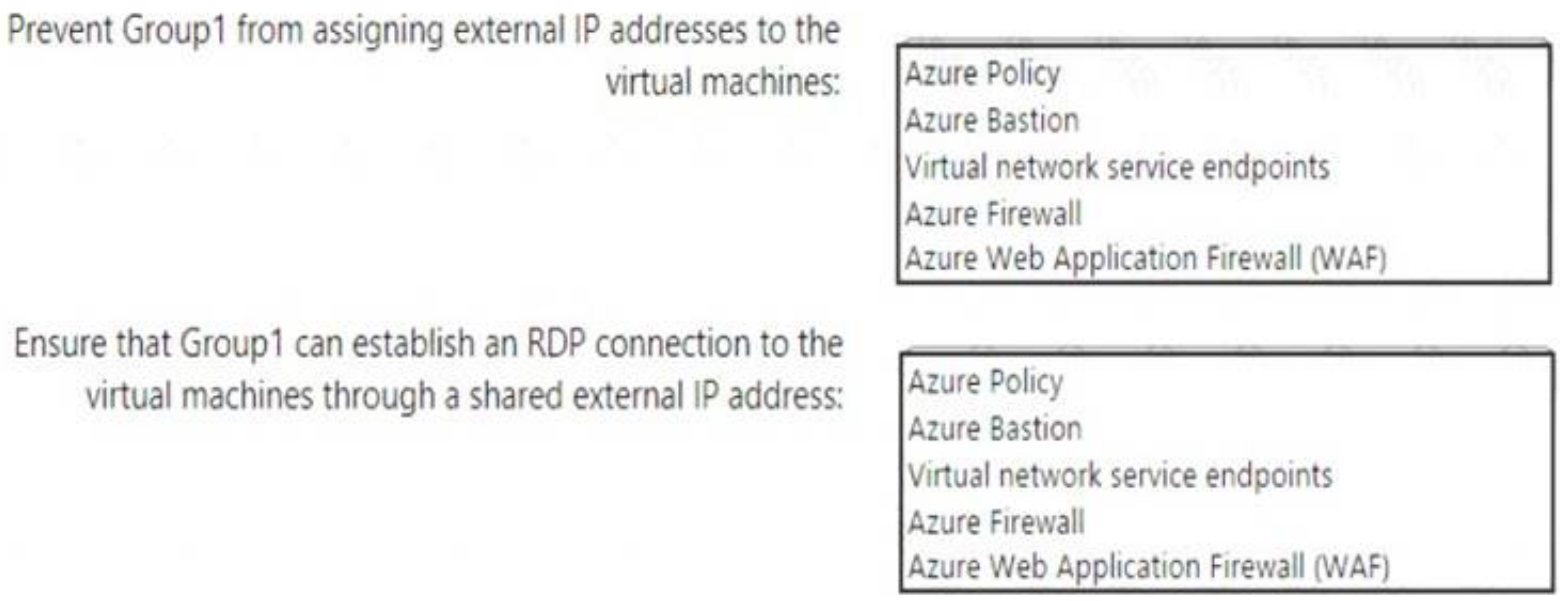
A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: User5
In Express settings, the installation wizard asks for the following: AD DS Enterprise Administrator credentials
Azure AD Global Administrator credentials
The AD DS Enterprise Admin account is used to configure your on-premises Active Directory. These credentials are only used during the installation and are not used after the installation has completed. The Enterprise Admin, not the Domain Admin should make sure the permissions in Active Directory can be set in all domains. Box 2: UserA
Azure AD Global Admin credentials are only used during the installation and are not used after the installation has completed. It is used to create the Azure AD Connector account used for synchronizing changes to Azure AD. The account also enables sync as a feature in Azure AD.
References:
https://docs.microsoft.com/en-us/azure/active-directory/connect/active-directory-aadconnect-accounts-permissio

NEW QUESTION 10
- (Exam Topic 2)
You have an Azure subscription that contains a resource group named RG1. You have a group named Group1 that is assigned the Contributor role for RG1.
You need to enhance security for the virtual machines in RG1 to meet the following requirements:
• Prevent Group1 from assigning external IP addresses to the virtual machines.

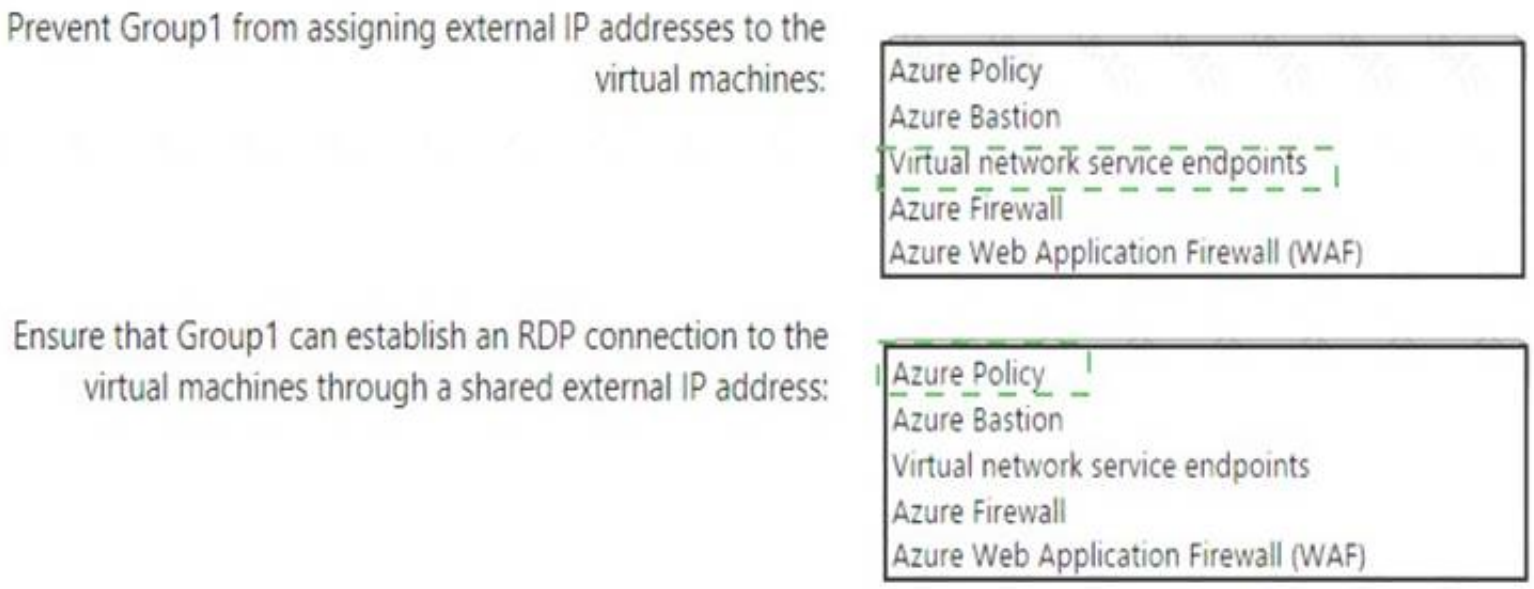
• Ensure that Group1 can establish an RDP connection to the virtual machines through a shared external IP address.
What should you use to meet each requirement? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.



A. Mastered
B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 10
- (Exam Topic 2)
You have an Azure Container Registry and an Azure container instance.
You pull an image from the registry, and then update the local copy of the image.
You need to ensure that the updated image can be deployed to the container instance. The solution must ensure that you can deploy the updated image or the previous version of the image.
What should you do?

A. Run the docker image push command and specify the tag parameter.
B. Run the az image copy command and specify the tag paramete
C. Run the az aks update command and specify the attach-acr parameter.
D. Run the kubect1 apply command and specify the dry-run parameter.

Answer: B

NEW QUESTION 15
- (Exam Topic 2)
You have the virtual machines shown in the following table.

Name	Operating system	Connected to
VM1	Red Hat Enterprise Linux 7.7	VNET1
VM2	Windows Server 2019	VNET2
VM3	Windows Server 2019	VNET3

You deploy an Azure bastion named Bastion1 to VNET1.
To which virtual machines can you connect by using Bastion1?

A. VM1 only
B. VM1 and VM2 only
C. VM2 and VM3 only
D. VM1, VM2, and VM3

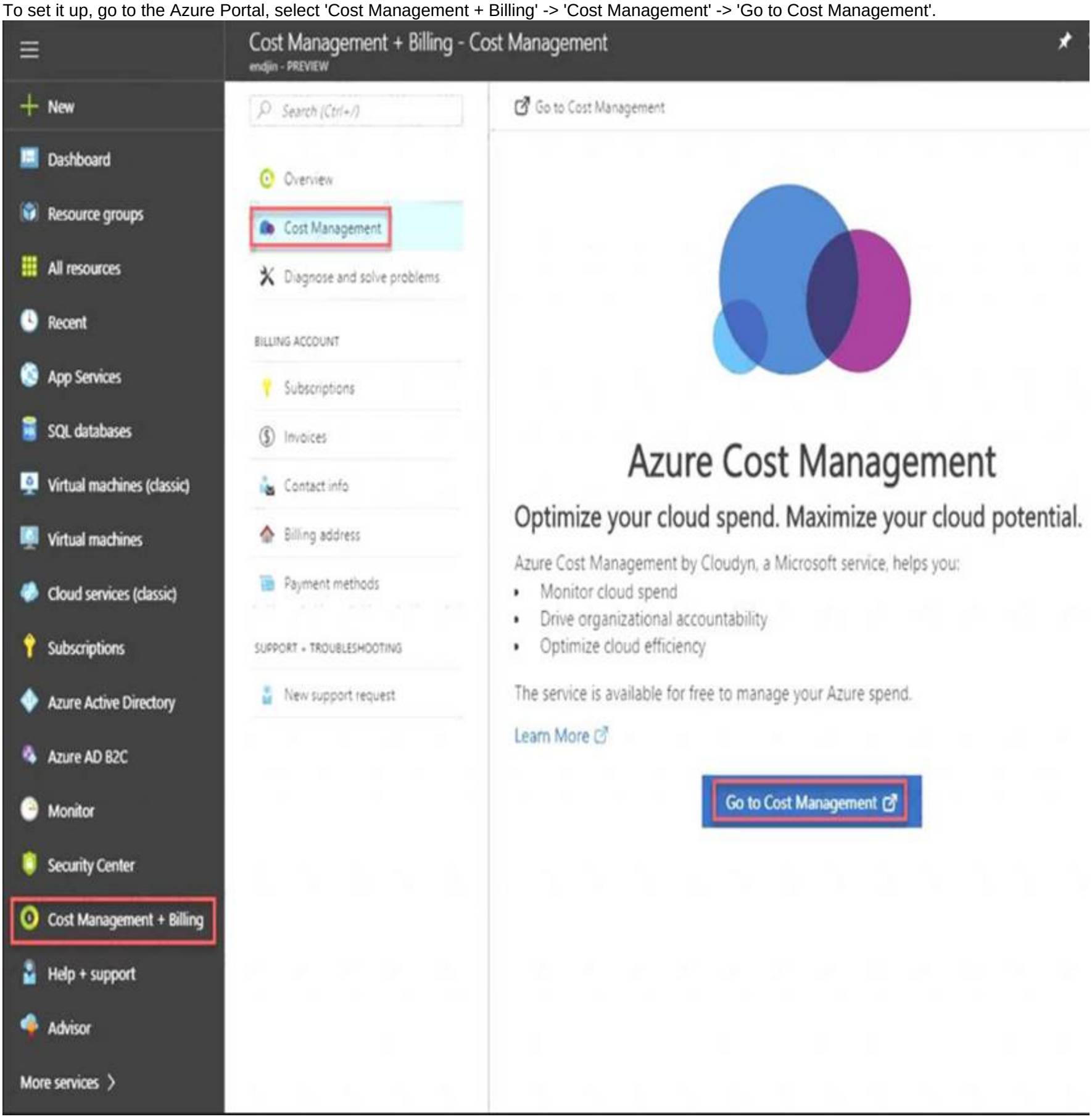
Answer: C

NEW QUESTION 16
- (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 20
- (Exam Topic 2)
You have an Azure Kubernetes Service (AKS) cluster named Clus1 in a resource group named RG1. An administrator plans to manage Clus1 from an Azure AD-joined device.
You need to ensure that the administrator can deploy the YAML application manifest file for a container application.
You install the Azure CLI on the device. Which command should you run next?

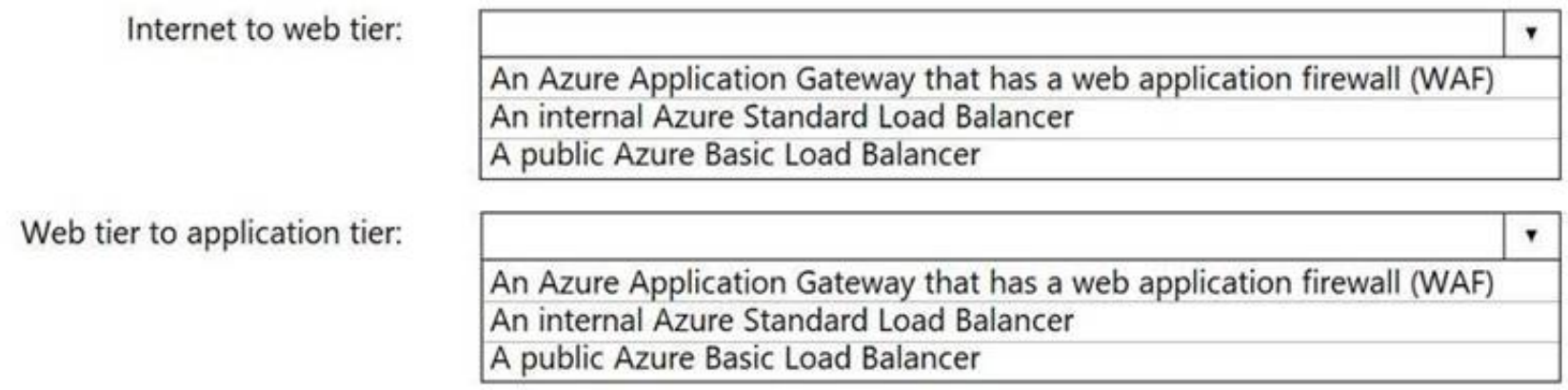
A. kubectl get nodes
B. az aks install-cli
C. kubectl apply –f app1.yaml
D. az aks get-credentials --resource-group RG1 --name Clus1

Answer: C

Explanation:
kubectl apply –f appl.yaml applies a configuration change to a resource from a file or stdin. References:
https://kubernetes.io/docs/reference/kubectl/overview/ https://docs.microsoft.com/en-us/cli/azure/aks

NEW QUESTION 24
- (Exam Topic 2)
You have an Azure subscription.
You plan to deploy an app that has a web front end and an application tier.
You need to recommend a load balancing solution that meets the following requirements:
- Internet to web tier:
- Provides URL-based routing
- Supports connection draining
- Prevents SQL injection attacks
- Web tier to application tier:
- Provides port forwarding
- Supports HTTPS health probes
- Supports an availability set as a backend pool
Which load balancing solution should you recommend for each tier? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

Answer Area



A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: An Azure Application Gateway that has a web application firewall (WAF)
Azure Application Gateway offers a web application firewall (WAF) that provides centralized protection of your web applications from common exploits and vulnerabilities. Web applications are increasingly targeted by malicious attacks that exploit commonly known vulnerabilities. SQL injection and cross-site scripting are among the most common attacks.
Application Gateway operates as an application delivery controller (ADC). It offers Secure Sockets Layer (SSL) termination, cookie-based session affinity, round-robin load distribution, content-based routing, ability to host multiple websites, and security enhancements.
Box 2: An internal Azure Standard Load Balancer
The internet to web tier is the public interface, while the web tier to application tier should be internal. Note: When using load-balancing rules with Azure Load Balancer, you need to specify a health probes to
allow Load Balancer to detect the backend endpoint status.
Health probes support the TCP, HTTP, HTTPS protocols. References:
https://docs.microsoft.com/en-us/azure/application-gateway/waf-overview https://docs.microsoft.com/en-us/azure/load-balancer/load-balancer-custom-probe-overview

NEW QUESTION 29
- (Exam Topic 2)
A company runs multiple Windows virtual machines (VMs) in Azure.
The IT operations department wants to apply the same policies as they have for on-premises VMs to the VMs running in Azure, including domain administrator permissions and schema extensions.
You need to recommend a solution for the hybrid scenario that minimizes the amount of maintenance required. What should you recommend? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

Component	Action
Domain	Join the VMs to the existing on-premises domain. Join the VMs to a new domain controller VM in Azure. Join the VMs to Azure Active Directory Domain Services (AD DS).
Connectivity	Set up VPN connectivity. Set up HTTPS connectivity. Set up Azure Relay Service.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: Join the VMs to a new domain controller VM in Azure
Azure provides two solutions for implementing directory and identity services in Azure:

- (Used in this scenario) Extend your existing on-premises Active Directory infrastructure to Azure, by deploying a VM in Azure that runs AD DS as a Domain Controller. This architecture is more common when the on-premises network and the Azure virtual network (VNet) are connected by a VPN or ExpressRoute connection.
- Use Azure AD to create an Active Directory domain in the cloud and connect it to your on-premises Active Directory domain. Azure AD Connect integrates your on-premises directories with Azure AD.

Box 2: Set up VPN connectivity.
This architecture is more common when the on-premises network and the Azure virtual network (VNet) are connected by a VPN or ExpressRoute connection.
References:
https://docs.microsoft.com/en-us/azure/architecture/reference-architectures/identity/

NEW QUESTION 31
- (Exam Topic 2)
You have an Azure Active Directory (Azure AD) tenant that contains the user groups shown in the following table.

Name	Role	Member of
User1	Global administrator	*None*
User2	User administrator	Group1
User3	Password administrator	Group1
User4	*None*	Group1

You enable self-service password reset (SSPR) for Group1.
You configure the Notifications settings as shown in the following exhibit.

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

Statements	Yes	No
User1 gets a notification when User3 resets her password by using SSPR.	○	○
User3 gets a notification when User3 resets her password by using SSPR.	○	○
User1 gets a notification when User2 resets the password of User4.	○	○

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: Yes
Notify all admins when other admins reset their passwords: Yes. Box 2: No
Notify users on password resets: No. Box 3: No

- Notify users on password resets

If this option is set to Yes, then users resetting their password receive an email notifying them that their password has been changed. The email is sent via the SSPR portal to their primary and alternate email addresses that are on file in Azure AD. No one else is notified of the reset event.

- Notify all admins when other admins reset their passwords

If this option is set to Yes, then all administrators receive an email to their primary email address on file in Azure AD. The email notifies them that another administrator has changed their password by using SSPR.
Example: There are four administrators in an environment. Administrator A resets their password by using SSPR. Administrators B, C, and D receive an email alerting them of the password reset.
Reference:
https://docs.microsoft.com/en-us/azure/active-directory/authentication/concept-sspr-howitworks https://docs.microsoft.com/en-us/azure/active-directory/authentication/tutorial-enable-sspr

NEW QUESTION 35
- (Exam Topic 2)
You have two Azure SQL Database managed instances in different Azure regions. You plan to configure the managed instances in an instance failover group.
What should you configure before you can add the managed instances to the instance failover group?

A. Azure Private Link that has endpoints on two virtual networks
B. an internal Azure Load Balancer instance that has managed instance endpoints in a backend pool
C. an Azure Application Gateway that has managed instance endpoints in a backend pool
D. a Site-to-Site VPN between the virtual networks that contain the instances

Answer: D

Explanation:
For two managed instances to participate in a failover group, there must be either ExpressRoute or a gateway configured between the virtual networks of the two managed instances to allow network communication.
You create the two VPN gateways and connect them.

- Create a bidirectional connection between the two gateways of the two virtual networks.

Reference:
https://docs.microsoft.com/en-us/azure/azure-sql/managed-instance/failover-group-add-instance-tutorial?tabs=az

NEW QUESTION 37
- (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 42
- (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 Admin1 can create access reviews in contoso.com.
Solution: You create an access package. Does this meet the goal?

A. Yes
B. No

Answer: B

Explanation:
You do not use access packages for Identity Governance. 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 https://docs.microsoft.com/en-us/azure/active-directory/governance/entitlement-management-overview

NEW QUESTION 43
- (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 48
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