Exam Questions AZ-303

Microsoft Azure Architect Technologies (beta)

https://www.2passeasy.com/dumps/AZ-303/

NEW QUESTION 1
- (Exam Topic 1)
You need to identify the storage requirements for Contoso.
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
Contoso requires a storage account that supports Blob storage.	○	○
Contoso requires a storage account that supports Azure Table storage.	○	○
Contoso requires a storage account that supports Azure File Storage.	○	○

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: Yes
Contoso is moving the existing product blueprint files to Azure Blob storage.
Use unmanaged standard storage for the hard disks of the virtual machines. We use Page Blobs for these. Box 2: No
Box 3: No

NEW QUESTION 2
- (Exam Topic 1)
You need to configure the Device settings to meet the technical requirements and the user requirements. Which two settings should you modify? To answer, select the appropriate settings in the answer area.

Answer Area

Save   Discard

Users may join devices to Azure AD ❶ | All | Selected | None |

Selected
No member selected

Additional local administrators on Azure AD joined devices ❶ | Selected | None |

Selected
No member selected

Users may register their devices with Azure AD ❶ | All | None |

Require Multi-Factor Auth to join devices ❶ | Yes | No |

Maximum number of devices per user ❶   50

Users may sync settings and app data across devices ❶ | All | Selected | None |

Selected
No member selected

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: Selected

NEW QUESTION 3
- (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 4
- (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 5
- (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 6
- (Exam Topic 2)
You have Azure Storage accounts as shown in the following exhibit.

Home > Storage accounts

Storage accounts
Contoso

➕ Add   ▦ Edit columns   ↻ Refresh | ● Assign Tags   🗑 Delete

Subscriptions: All 2 selected – Don't see a subscription? Switch directories

Filter by name...	All subscriptions ⌄	All resource groups ⌄	All types ⌄	All locations ⌄	No grouping ⌄

3 items

☐	NAME ↑	TYPE	KIND	RESOURCE ...	LOCATION	SUBSCRIPTI...	ACCESS T...	REPLICAT...	
☐ 🗀	storageaccount1	Storage account	Storage	ContosoRG1	East US	Subscription 1	-	Read-access ge...	•••
☐ 🗀	storageaccount2	Storage account	StorageV2	ContosoRG1	Central US	Subscription 1	Hot	Geo-redundant...	•••
☐ 🗀	storageaccount3	Storage account	BlobStorage	ContosoRG1	East US	Subscription 1	Hot	Locally-redund...	•••

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.

You can use [answer choice] for Azure Table Storage.

storageaccount1 only
storageaccount2 only
storageaccount3 only
storageaccount1 and storageaccount2 only
storageaccount2 and storageaccount3 only

You can use [answer choice] for Azure Blob storage.

storageaccount3 only
storageaccount2 and storageaccount3 only
storageaccount1 and storageaccount3 only
all the storage accounts

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Note: The three different storage account options are: General-purpose v2 (GPv2) accounts, General-purpose v1 (GPv1) accounts, and Blob storage accounts.

➤ General-purpose v2 (GPv2) accounts are storage accounts that support all of the latest features for blobs, files, queues, and tables.

➤ Blob storage accounts support all the same block blob features as GPv2, but are limited to supporting only block blobs.

➤ General-purpose v1 (GPv1) accounts provide access to all Azure Storage services, but may not have the latest features or the lowest per gigabyte pricing.
References:
https://docs.microsoft.com/en-us/azure/storage/common/storage-account-options

NEW QUESTION 7
- (Exam Topic 2)
You have an Azure key vault named KV1.
You need to ensure that applications can use KV1 to provision certificates automatically from an external
certification authority (CA).
Which two actions should you perform? Each correct answer presents part of the solution.
NOTE: Each correct selection is worth one point.

A. From KV1, create a certificate issuer resource.
B. Obtain the CA account credentials.
C. Obtain the root CA certificate.
D. From KV1, create a certificate signing request (CSR).
E. From KV1, create a private key,
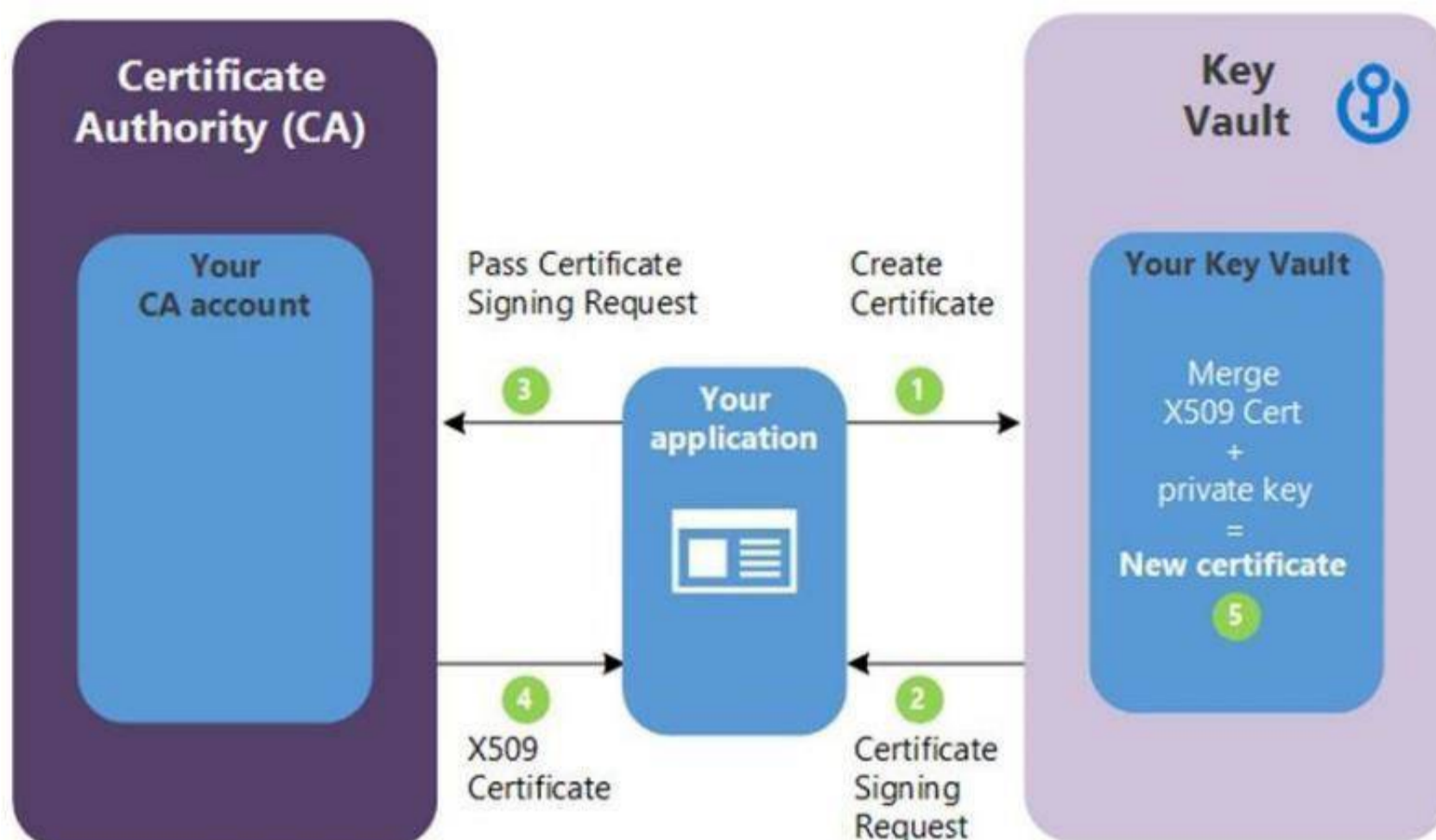
Answer: CD

Explanation:
C: Obtain the root CA certificate (step 4 in the picture below)
D: From KV1, create a certificate signing request (CSR) (step 2 in the picture below) Note:
Creating a certificate with a CA not partnered with Key Vault
This method allows working with other CAs than Key Vault's partnered providers, meaning your organization can work with a CA of its choice.

The following step descriptions correspond to the green lettered steps in the preceding diagram.

> In the diagram above, your application is creating a certificate, which internally begins by creating a key in your key vault.

> Key Vault returns to your application a Certificate Signing Request (CSR).

> Your application passes the CSR to your chosen CA.

> Your chosen CA responds with an X509 Certificate.

> Your application completes the new certificate creation with a merger of the X509 Certificate from your CA.

Reference:
https://docs.microsoft.com/en-us/azure/key-vault/certificates/certificate-scenarios

NEW QUESTION 8
- (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.

If Scale1 is utilized at 85 percent for six minutes, Scale1 will be running **[answer choice]**.

2 virtual machines
4 virtual machines
6 virtual machines
8 virtual machines
10 virtual machines

If Scale1 is first utilized at 25 percent for six minutes, and then utilized at 50 percent for six minutes, Scale1 will be running **[answer choice]**.

2 virtual machines
4 virtual machines
6 virtual machines
8 virtual machines
10 virtual machines

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 9
- (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 10
- (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 10
- (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.
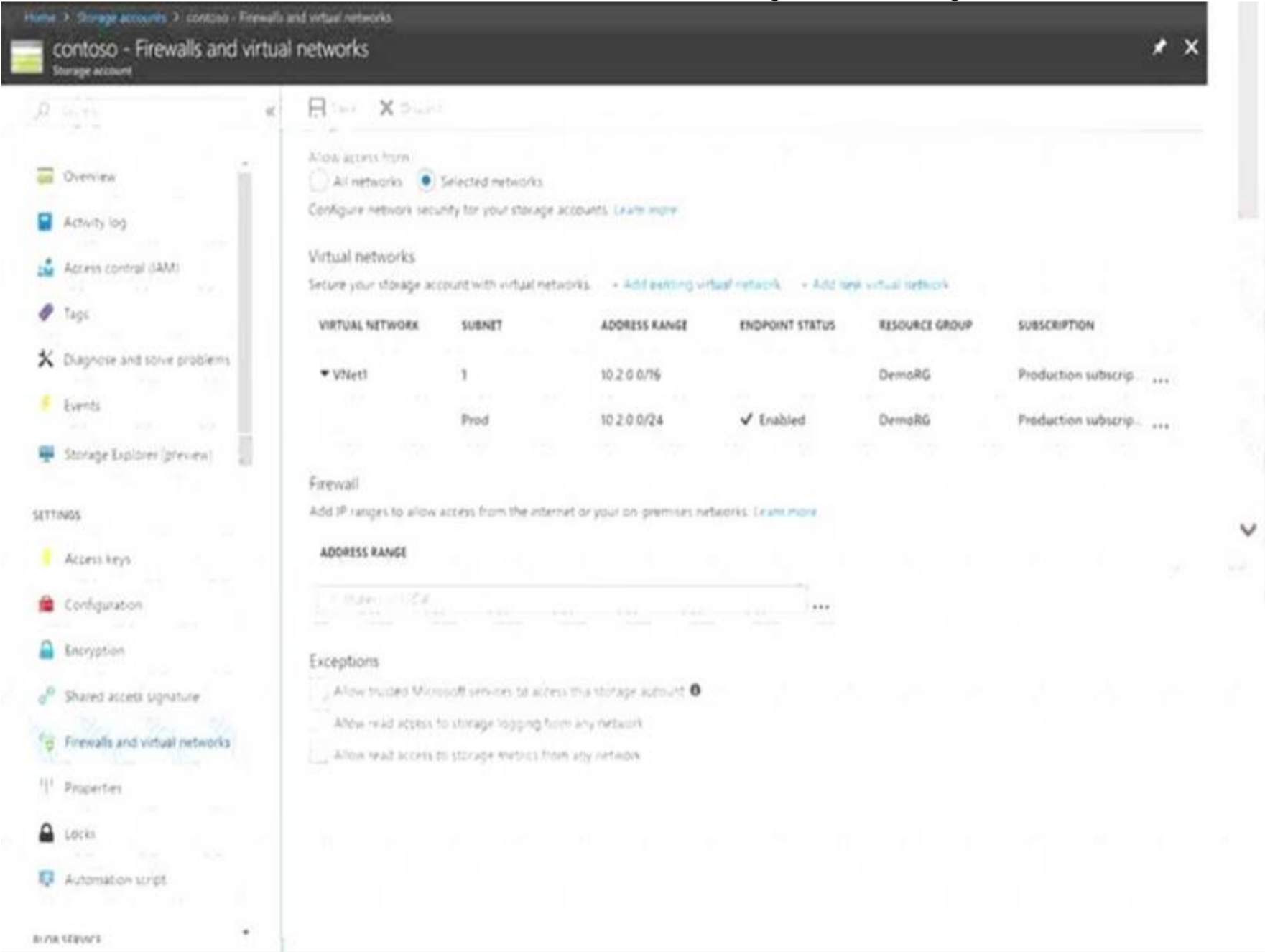Solution: You purchase an Azure Directory Premium P2 license for contoso.com. Does this meet the goal?

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 14
- (Exam Topic 2)
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.

The virtual machines on the 10.2.9.0/24 subnet will have network connectivity to the file shares in the storage account [**answer choice**].

| always |
| during a backup |
| never |

Azure Backup will be able to back up the unmanaged hard disks of the virtual machines in the storage account [**answer choice**].

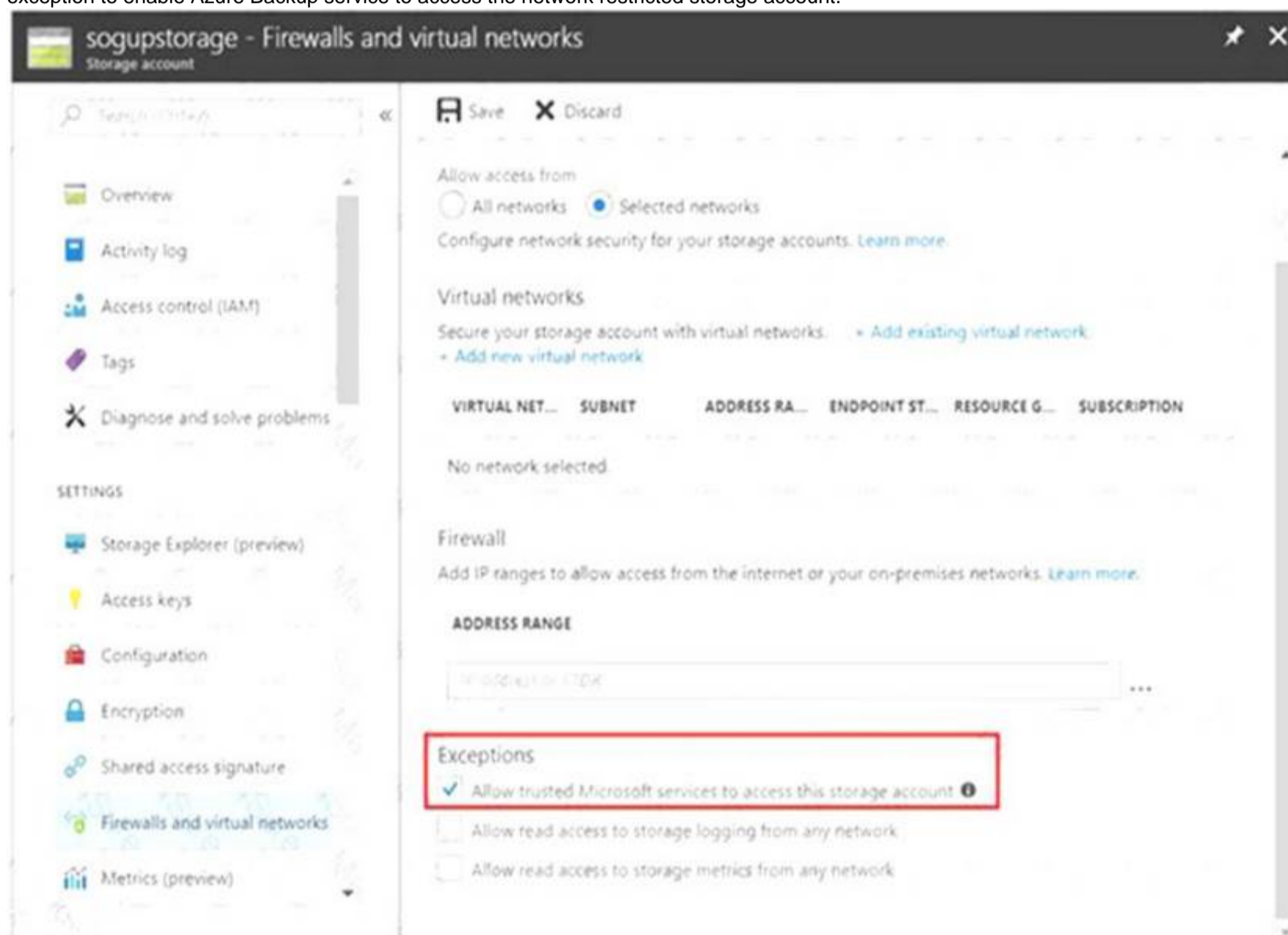| always |
| during a backup |
| never |

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: Never
Box 2: Never
After you configure firewall and virtual network settings for your storage account, select Allow trusted Microsoft services to access this storage account as an exception to enable Azure Backup service to access the network restricted storage account.

https://docs.microsoft.com/en-us/azure/storage/files/storage-how-to-use-files-windows https://azure.microsoft.com/en-us/blog/azure-backup-now-supports-storage-accounts-secured-with-azure-storage

NEW QUESTION 15
- (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 18
- (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

RG1 contains the virtual machines shown in the following table.

Name	Region
VM1	West US
VM2	West US
VM3	West US
VM4	West US

RG2 contains the virtual machines shown in the following table.

Name	Region
VM5	East US 2
VM6	East US 2
VM7	West US
VM8	West US 2

All the virtual machines are configured to use premium disks and are accessible from the Internet.
VM1 and VM2 are in an available set named AVSET1. VM3 and VM4 are in the same availability zone and are in an availability set named AVSET2. VM5 and VM6 are in different availability zones.
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
VM1 is eligible for a Service Level Agreement (SLA) of 99,95 percent.	○	○
VM3 is eligible for a Service Level Agreement (SLA) of 99,99 percent.	○	○
VM5 is eligible for a Service Level Agreement (SLA) of 99,99 percent.	○	○

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: Yes
VM1 and VM2 are in an available set named AVSET1.
For all Virtual Machines that have two or more instances deployed in the same Availability Set, we [Microsoft] guarantee you will have Virtual Machine Connectivity to at least one instance at least 99.95% of the time.
Box 2: No
VM3 and VM4 are in the same availability zone and are in an availability set named AVSET2. Box 3: Yes
VM5 and VM6 are in different availability zones.
For all Virtual Machines that have two or more instances deployed across two or more Availability Zones in the same Azure region, we [Microsoft] guarantee you will have Virtual Machine Connectivity to at least one instance at least 99.99% of the time.
References:
https://azure.microsoft.com/en-us/support/legal/sla/virtual-machines/v1_8/

NEW QUESTION 19
- (Exam Topic 2)
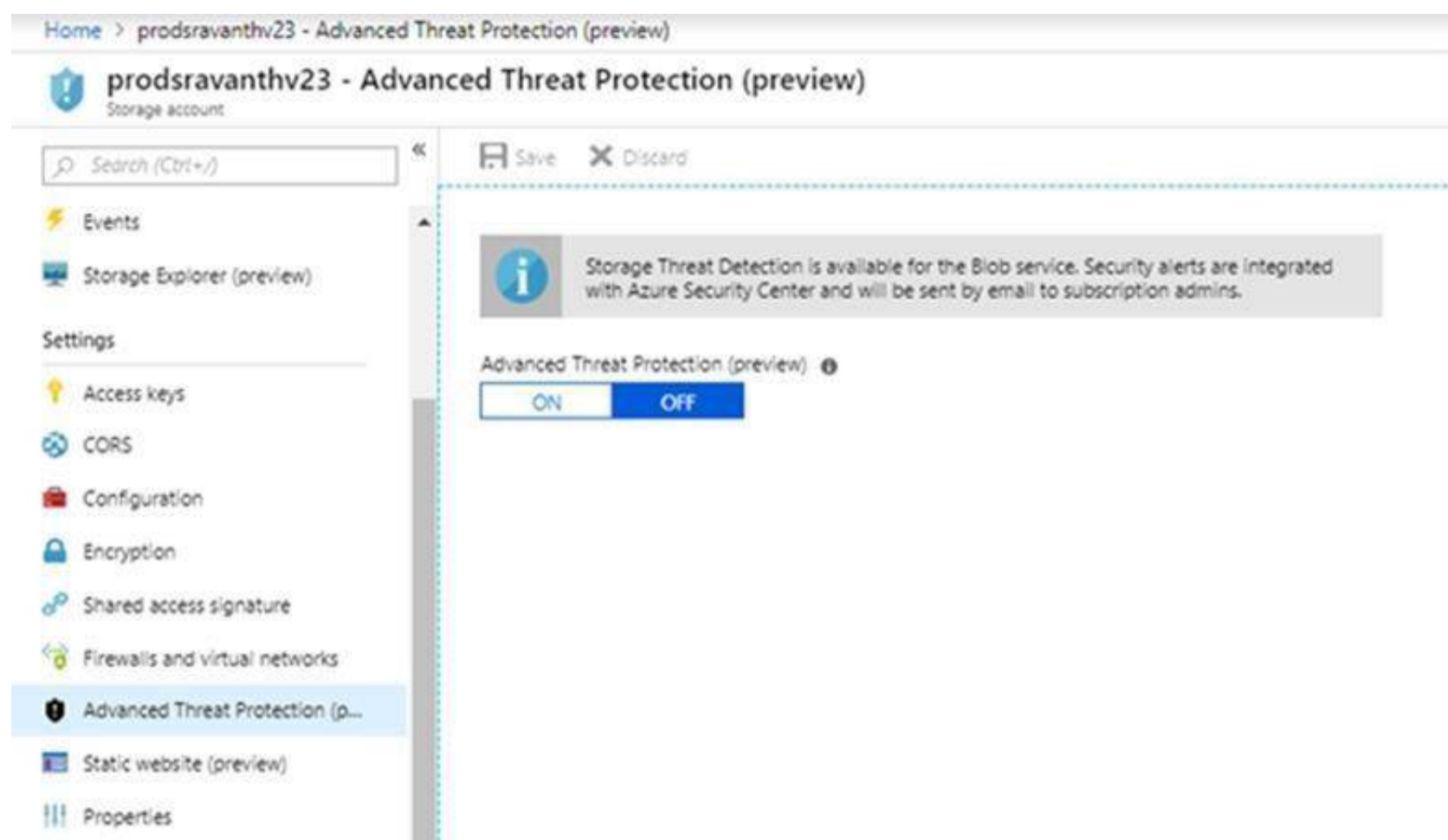You have an Azure subscription that contains the storage accounts shown in the following table.

Name	Contains
storagecontoso1	A blob service and a table service
storagecontoso2	A blob service and a file service
storagecontoso3	A queue service
storagecontoso4	A file service and a queue service
storagecontoso5	A table service

You enable Azure Advanced Threat Protection (ATP) for all the storage accounts. You need to identify which storage accounts will generate Azure ATP alerts. Which two storage accounts should you identify? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

A. storagecontoso1
B. storagecontoso2
C. storagecontoso3
D. storagecontoso4
E. storaaecontoso5

Answer: AB

Explanation:
Advanced threat protection for Azure Storage is currently available only for Blob Storage.

https://docs.microsoft.com/en-us/azure/storage/common/storage-advanced-threat-protection?tabs=azure-portal

NEW QUESTION 20
- (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 21
- (Exam Topic 2)
Your network contains an on-premises Active Directory domain named contoso.com that contains a member server named Server1.
You have the accounts shown in the following table.

Name	Member of
CONTOSO\User1	Domain Admins
CONTOSO\User2	Domain Users
CONTOSO\User3	Enterprise Admin
SERVER1\User4	Users

You are installing Azure AD Connect on Server1.
You need to specify the account for Azure AD Connect synchronization.
The solution must use the principle of least privilege.
Which account should you specify?

A. CONTOSO\User2
B. SERVER1\User4
C. CONTOSO\User1
D. CONTOSO\User3

Answer: A

Explanation:
The default Domain User permissions are sufficient Reference:
https://docs.microsoft.com/en-us/azure/active-directory/hybrid/reference-connect-accounts-permissions

NEW QUESTION 22
- (Exam Topic 2)
You have an Azure Cosmos DB account named Account1. Account1 includes a database named DB1 that contains a container named Container 1. The partition key tor Container1 is set to /city.
You plan to change the partition key for Container1 What should you do first?

A. Delete Container1
B. Create a new container in DB1
C. Regenerate the keys for Account1.
D. Implement the Azure CosmosDB.NET SDK

Answer: B

Explanation:
The good news is that there are two features, the Change Feed Processor and Bulk Executor Library, in Azure Cosmos DB that can be leveraged to achieve a live migration of your data from one container to another. This allows you to re-distribute your data to match the desired new partition key scheme, and make the relevant application changes afterwards, thus achieving the effect of "updating your partition key".
Reference:
https://devblogs.microsoft.com/cosmosdb/how-to-change-your-partition-key/

NEW QUESTION 27
- (Exam Topic 2)
You have Azure virtual machines that have Update Management enabled. The virtual machines are configured as shown in the following table.

Name	Operating system	Resource group	Location
VM1	Windows Server 2012 R2	RG1	East US
VM2	Windows Server 2016	RG1	West US
VM3	Windows Server 2019	RG2	West US
VM4	Red Hat Enterprise Linux 7.7	RG2	West US
VM5	Ubuntu Server 18.04 LTS	RG1	East US
VM6	CentOS-based 7.7	RG1	East US

You need to ensure that all critical and security updates are applied to each virtual machine every month. What is the minimum number of update deployments you should create?

A. 4
B. 6
C. 1
D. 2

Answer: A

NEW QUESTION 32
- (Exam Topic 2)
You are implementing authentication for applications in your company. You plan to implement self-service password reset (SSPR) and multifactor authentication (MFA) in Azure Active Directory (Azure AD).
You need to select authentication mechanisms that can be used for both MFA and SSPR.
Which two authentication methods should you use? Each correct answer presents a complete solution. NOTE: Each correct selection is worth one point.

A. Short Message Service (SMS) messages
B. Authentication app
C. Email addresses
D. Security questions
E. App passwords

Answer: AB

Explanation:
 References:
https://docs.microsoft.com/en-us/azure/active-directory/authentication/concept-authentication-methods

NEW QUESTION 36
- (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.
D18912E1457D5D1DDCBD40AB3BF70D5D
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 38
- (Exam Topic 2)
You create an Azure virtual machine named VM1 in a resource group named RG1. You discover that VM1 performs slower than expected.
You need to capture a network trace on VM1. What should you do?

A. From Diagnostic settings for VM1. configure the performance counters to include network counters.
B. From the VM1 blade, configure Connection troubleshoot.
C. From the VM1 blade, install performance diagnostics and run advanced performance analysis
D. From Diagnostic settings for VM1, configure the log level of the diagnostic agent.

Answer: C

Explanation:
The performance diagnostics tool helps you troubleshoot performance issues that can affect a Windows or Linux virtual machine (VM). Supported troubleshooting scenarios include quick checks on known issues and best practices, and complex problems that involve slow VM performance or high usage of CPU, disk space, or memory.
Advanced performance analysis, included in the performance diagnostics tool, includes all checks in the performance analysis, and collects one or more of the traces, as listed in the following sections. Use this scenario to troubleshoot complex issues that require additional traces. Running this scenario for longer periods will increase the overall size of diagnostics output, depending on the size of the VM and the trace options that are selected.
References:
https://docs.microsoft.com/en-us/azure/virtual-machines/troubleshooting/performance-diagnostics

NEW QUESTION 39
- (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 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 44
- (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 49
- (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 52
- (Exam Topic 2)
You create the Azure resources shown in the following table.

Name	Resource type
VM1	Virtual machine
VM2	Virtual machine
Managed1	Managed identity
Managed2	Managed identity

You attempt to add a role assignment to a resource group as shown in the following exhibit.

Add role assignment

Role ⓘ
Reader ⓘ ⌄

Assign access to ⓘ
Azure AD user, group, or service principal ⌄

Select ⓘ
VM

    VM1

Selected members:
No members selected. Search for and add one or more members you want to assign to the role for this resource.

Learn more about RBAC

What should you do to ensure that you can assign VM2 the Reader role for the resource group?
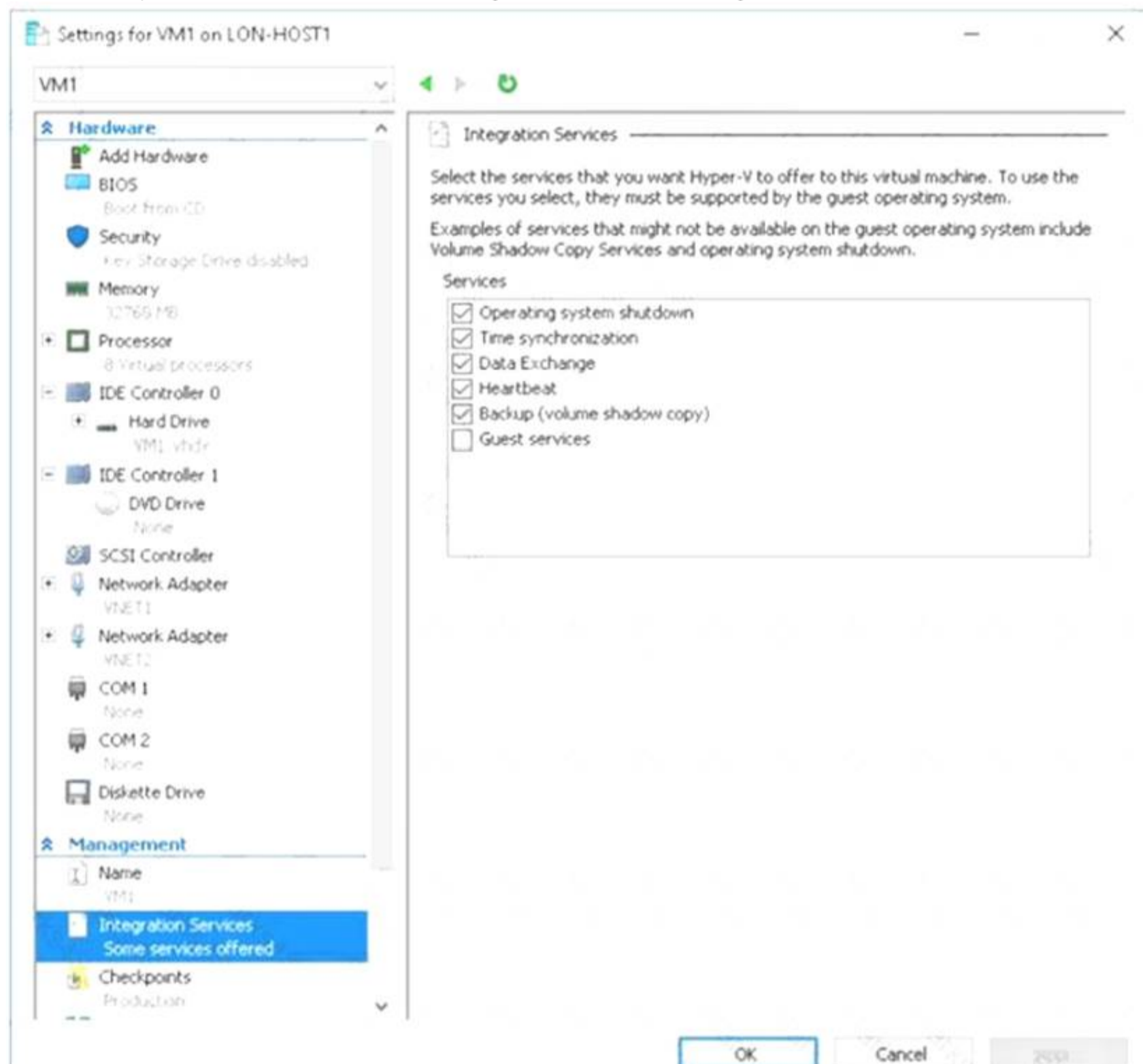
A. Modify the Reader role at the subscription level.
B. Configure just in time (JIT) VM access on VM2.
C. Configure Access control (IAM) on VM2.
D. Assign a managed identity to VM2.

Answer: D

NEW QUESTION 57
- (Exam Topic 2)
You have an on-premises virtual machine named VM1 configured as shown in the following exhibit.

VM is started.
You need to create a new virtual machine image in Azure from VM1.
Which three actions should you perform before you create the new image? Each correct answer presents part of the solution.
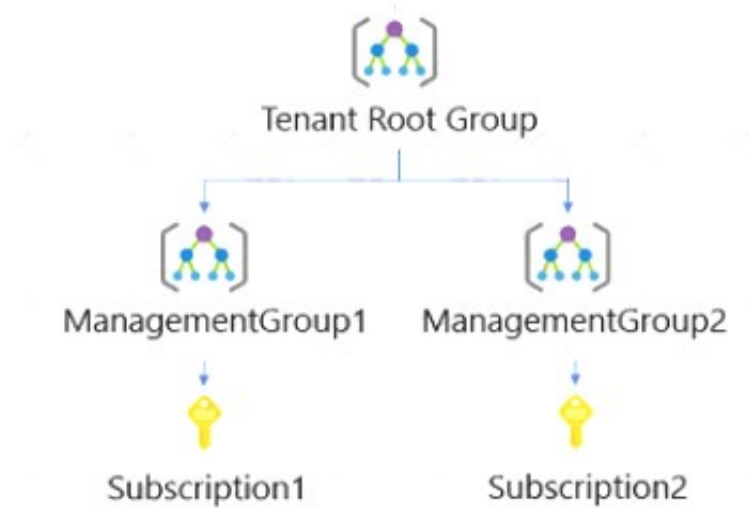NOTE: Each correct selection is worth one point.

A. Remove the Backup (volume shadow copy) integration service
B. Generalize VM1
C. Run Add-AzureRmVhd and specify a blob service container as the destination
D. Run Add-AzureRmVhd and specify a file share as the destination
E. Reduce the amount of memory to 16 GB
F. Convert the disk type to VHD

Answer: BCF

NEW QUESTION 62
- (Exam Topic 2)
You have a hierarchy of management groups and Azure subscriptions as shown in the following table.

You create the Azure resources shown in the following table.

Name	Type	Created in
RG1	Resource group	Subscription1
RG2	Resource group	Subscription2
VM2	Virtual machine	RG2

You assign roles to users as shown in the following table.

User name	Role	On resource
User1	Contributor	ManagementGroup1
User2	Contributor	ManagementGroup2
User3	Reader	Tenant Root Group

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
You can remove User1 from the Contributor role for RG1.	○	○
User2 can delete VM2.	○	○
You can add User3 as a Contributor for RG1.	○	○

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Statements	Yes	No
You can remove User1 from the Contributor role for RG1.	◉	○
User2 can delete VM2.	◉	○
You can add User3 as a Contributor for RG1.	◉	○

NEW QUESTION 65
- (Exam Topic 2)
You create a container image named Image1 on a developer workstation.
You plan to create an Azure Web App for Containers named WebAppContainer that will use Image1. You need to upload Image1 to Azure. The solution must ensure that WebAppContainer can use Image1. To which storage type should you upload Image1?

A. Azure Container Registry
B. an Azure Storage account that contains a blob container
C. an Azure Storage account that contains a file share
D. Azure Container Instances

Answer: A

Explanation:

Configure registry credentials in web app.
App Service needs information about your registry and image to pull the private image. In the Azure portal, go to Container settings from the web app and update the Image source, Registry and save.
References:
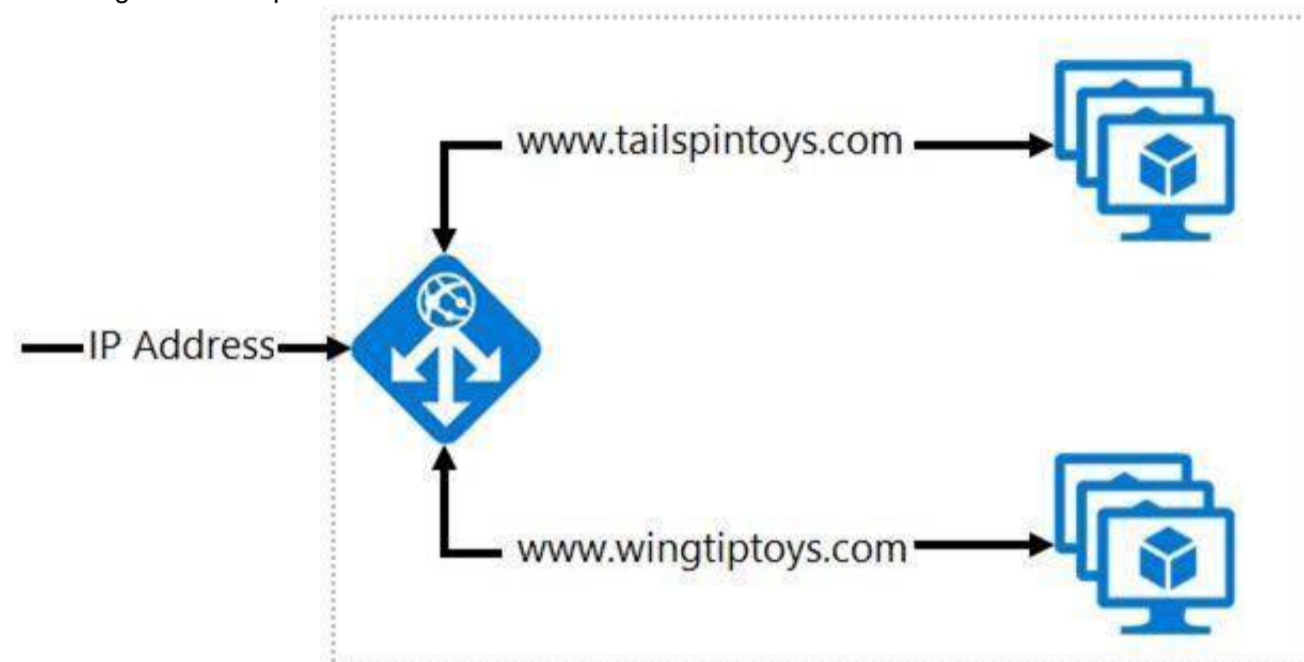https://docs.microsoft.com/en-us/azure/devops/pipelines/targets/webapp-on-container-linux

NEW QUESTION 70
- (Exam Topic 2)
Your company hosts multiple websites by using Azure virtual machine scale sets (VMSS) that run Internet Information Server (IIS).
All network communications must be secured by using end to end Secure Socket Layer (SSL) encryption. User sessions must be routed to the same server by using cookie-based session affinity.
The image shown depicts the network traffic flow for the websites to the VMSS.

Use the drop-down menus to select the answer choice that answers each question.
NOTE: Each correct selection is worth one point.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: Azure Application Gateway
You can create an application gateway with URL path-based redirection using Azure PowerShell. Box 2: Path-based redirection and Websockets
Reference:
https://docs.microsoft.com/bs-latn-ba/azure//application-gateway/tutorial-url-redirect-powershell

NEW QUESTION 75
- (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 79
- (Exam Topic 2)
You have an application named App1 that does not support Azure Active Directory (Azure AD) authentication.
You need to ensure that App1 can send messages to an Azure Service Bus queue. The solution must prevent Appl from listening to the queue.
What should you do?

A. Modify the locks of the Queue
B. Configure Access control (IAM) for the Service Bus
C. Configure Access control (IAM) for the queue.
D. Add a shared access policy to the queue

Answer: D

Explanation:
There are two ways to authenticate and authorize access to Azure Service Bus resources: Azure Activity Directory (Azure AD) and Shared Access Signatures (SAS).
Each Service Bus namespace and each Service Bus entity has a Shared Access Authorization policy made up of rules.
Reference:
https://docs.microsoft.com/en-us/azure/service-bus-messaging/service-bus-authentication-and-authorization https://docs.microsoft.com/en-us/azure/service-bus-messaging/service-bus-sas

NEW QUESTION 84
- (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

Internet to web tier:
| An Azure Application Gateway that has a web application firewall (WAF) |
| An internal Azure Standard Load Balancer |
| A public Azure Basic Load Balancer |

Web tier to application tier:
| An Azure Application Gateway that has a web application firewall (WAF) |
| An internal Azure Standard Load Balancer |
| A public Azure Basic Load Balancer |

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 89

- (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.

*Name

Policy1   V

Assignments

Users and groups ❶
0 users and groups selected   >

Cloud apps ❶
0 cloud apps selected   >

Conditions ❶
0 cloud apps selected   >

Access controls

Grant ❶
0 controls selected   >

Session ❶
0 controls selected   >

Enable Policy

| ON | OFF |

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 93
- (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 95
- (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.

💾 Save ✕ Discard

Notify users on password resets? ⓘ
(Yes **No**)

Notify all admins when other admins reset their password? ⓘ
(**Yes** No)

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 99
- (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 101
- (Exam Topic 2)
A company plans to use third-party application software to perform complex data analysis processes. The software will use up to 500 identical virtual machines (VMs) based on an Azure Marketplace VM image.
You need to design the infrastructure for the third-party application server. The solution must meet the following requirements:

➤ The number of VMs that are running at any given point in time must change when the user workload changes.

➤ When a new version of the application is available in Azure Marketplace it must be deployed without causing application downtime.

➤ Use VM scale sets.

➤ Minimize the need for ongoing maintenance.
Which two technologies should you recommend? Each correct answer presents part of the solution.
NOTE: Each correct selection is worth one point.

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

Answer: BD

Explanation:
Introduction to Azure managed disks
https://docs.microsoft.com/en-us/azure/virtual-machines/windows/managed-disks-overview "Using managed disks, you can create up to 50,000 VM disks of a type in a subscription per region, allowing you to create thousands of VMs in a single subscription. This feature also further increases the scalability of virtual machine scale sets by allowing you to create up to 1,000 VMs in a virtual machine scale set using a Marketplace image."

NEW QUESTION 105
- (Exam Topic 2)
You have an Azure subscription that contains the resources shown in the following table.

Name	Type	Region	Resource group
RG1	Resource group	Central US	*Not applicable*
RG2	Resource group	West US	*Not applicable*
VM1	Virtual machine	East US	RG2
VNET1	Virtual network	East US	RG1

In RG2, you need to create a new virtual machine named VM2 that will connect to VNET1. VM2 will use a network interface named VM2_Interface.
In which region should you create VM2 and VM2_Interface? To answer, drag the appropriate regions to the correct targets. Each region 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.

Regions

Central US

East US

West US

Answer Area

VM2: [ ]

VM2_Interface: [ ]

A. Mastered
B. Not Mastered

Answer: A

Explanation:
VM2: West US
In RG2, which is in West US, you need to create a new virtual machine named VM2. VM2_interface: East US
VM2 will use a network interface named VM2_Interface to connect to VNET1, which is in East US. References:
https://docs.microsoft.com/en-us/azure/virtual-network/associate-public-ip-address-vm

NEW QUESTION 109
- (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 111
- (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 116
- (Exam Topic 2)
You plan to create an Azure Storage account in the Azure region of East US 2. You need to create a storage account that meets the following requirements:

≫ Replicates synchronously

≫ Remains available if a single data center in the region fails

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

Answer Area

Replication: ▼
- Geo-redundant storage (GRS)
- Locally-redundant storage (LRS)
- Read-access geo-redundant storage (RA GRS)
- Zone-redundant storage (ZRS)

Account kind: ▼
- Blob storage
- Storage (general purpose v1)
- StorageV2 (general purpose v2)

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: Zone-redundant storage (ZRS)

Zone-redundant storage (ZRS) replicates your data synchronously across three storage clusters in a single region.
LRS would not remain available if a data center in the region fails GRS and RA GRS use asynchronous replication.
Box 2: StorageV2 (general purpose V2) ZRS only support GPv2.
References:
https://docs.microsoft.com/en-us/azure/storage/common/storage-redundancy https://docs.microsoft.com/en-us/azure/storage/common/storage-redundancy-zrs

NEW QUESTION 117
- (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.
XCOPY File1.txt C:\Folder1\
You then build the container image. Does this meet the goal?

A. Yes
B. No

Answer: B

Explanation:
Copy is the correct command to copy a file to the container image. Furthermore, the root directory is specified as '/' and not as 'C:/'.
References:
https://docs.docker.com/develop/develop-images/dockerfile_best-practices/#add-or-copy https://docs.docker.com/engine/reference/builder/

NEW QUESTION 119
- (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 120
- (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 122
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