

Microsoft

Exam Questions az-500

Microsoft Azure Security Technologies



NEW QUESTION 1

- (Exam Topic 4)

You have Azure Resource Manager templates that you use to deploy Azure virtual machines.

You need to disable unused Windows features automatically as instances of the virtual machines are provisioned.

What should you use?

- A. security policies in Azure Security Center
- B. Azure Logic Apps
- C. an Azure Desired State Configuration (DSC) virtual machine extension
- D. Azure Advisor

Answer: C

NEW QUESTION 2

- (Exam Topic 4)

Lab Task

Task 3

You need to ensure that a user named Danny-31330471 can sign in to any SQL database on a Microsoft SQL server named web31330471 by using SQL Server Management Studio (SSMS) and Azure AD credentials.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Create and register an Azure AD application. You can use the Azure portal, Azure PowerShell, or the Azure CLI to do this. You need to specify a name, such as SQLServerCTP1, and select the supported account types, such as Accounts in this organization directory only.

Grant application permissions. You can use the Azure portal, Azure PowerShell, or the Azure CLI to do this. You need to assign the Directory.Read.All permission to the application and grant admin consent for your organization.

Create and assign a certificate. You can use the Azure portal, Azure PowerShell, or the Azure CLI to do this. You need to create a self-signed certificate and upload it to the application. You also need to store the certificate in Azure Key Vault and grant access policies to the application and your SQL Server.

Configure Azure AD authentication for SQL Server through Azure portal. You can use the Azure portal to do this. You need to select your SQL Server resource and enable Azure AD authentication. You also need to select your Azure AD application as the Azure AD admin for your SQL Server.

Create logins and users. You can use SSMS or Transact-SQL to do this. You need to connect to your SQL Server as the Azure AD admin and create a login for Danny-31330471. You also need to create a user for Danny-31330471 in each database that he needs access to.

Connect with a supported authentication method. You can use SSMS or SqlClient to do this. You need to specify the Authentication connection property in the connection string as Active Directory Password or Active Directory Integrated. You also need to provide the username and password of Danny-31330471.

NEW QUESTION 3

- (Exam Topic 4)

You have an Azure web app named WebApp1. You upload a certificate to WebApp1.

You need to make the certificate accessible to the app code of WebApp1. What should you do?

- A. Add a user-assigned managed identity to WebApp1.
- B. Add an app setting to the WebApp1 configuration.
- C. Enable system-assigned managed identity for the WebApp1.
- D. Configure the TLS/SSL binding for WebApp1.

Answer: B

Explanation:

Reference:

<https://docs.microsoft.com/en-us/azure/app-service/configure-ssl-certificate-in-code>

NEW QUESTION 4

- (Exam Topic 4)

You have an Azure subscription that contains the virtual machines shown in the following table.

Subnet1 and Subnet2 have a network security group {NSG}. The NSG has an outbound rule that has the following configurations:

- Port: Any
- Source: Any
- Priority: 100
- Action: Deny
- Protocol: Any
- Destination: Storage

The subscription contains a storage account named storage1.

You create a private endpoint named Private1 that has the following settings:

- Resource type: Microsoft.Storage/storageAccounts
- Resource: storage1
- Target sub-resource: blob
- Virtual network: VNet1
- Subnet: Subnet1

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

Answer Area

Statements	Yes	No
From VM2, you can create a container in storage1.	<input type="radio"/>	<input type="radio"/>
From VM1, you can upload data to the blob storage of storage1.	<input type="radio"/>	<input type="radio"/>
From VM2, you can upload data to the blob storage of storage1.	<input type="radio"/>	<input type="radio"/>

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

Statements	Yes	No
From VM2, you can create a container in storage1.	<input type="radio"/>	
From VM1, you can upload data to the blob storage of storage1.		<input type="radio"/>
From VM2, you can upload data to the blob storage of storage1.	<input type="radio"/>	

NEW QUESTION 5

- (Exam Topic 4)

You have an Azure subscription that contains the storage accounts shown in the following table.

Name	Type
storage1	Azure Blob storage
storage2	Azure Files SMB
storage3	Azure Table storage

You need to configure authorization access.

Which authorization types can you use for each storage account? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

storage1:

- Shared Key only
- Shared access signature (SAS) only
- Azure Active Directory (Azure AD) only
- Shared Key and shared access signature (SAS) only
- Shared Key, shared access signature (SAS), and Azure Active Directory (Azure AD)

storage2:

- Shared Key only
- Shared access signature (SAS) only
- Shared Key and shared access signature (SAS)

storage3:

- Shared Key only
- Shared access signature (SAS) only
- Azure Active Directory (Azure AD) only
- Shared Key and shared access signature (SAS) only
- Shared Key, shared access signature (SAS), and Azure Active Directory (Azure AD)

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Graphical user interface, text, application, email Description automatically generated

Reference:

<https://docs.microsoft.com/en-us/azure/storage/common/authorize-data-access>

NEW QUESTION 6

- (Exam Topic 4)

Lab Task

Task 5

A user named Debbie has the Azure app installed on her mobile device.

You need to ensure that debbie@contoso.com is alerted when a resource lock is deleted.

A. Mastered

B. Not Mastered

Answer: A

Explanation:

Create an Azure Resource Manager service principal. You can use the Azure portal, Azure PowerShell, or the Azure CLI to do this. You need to specify a name and a role for the service principal, such as Contributor.

Grant permission to the service principal to access the secrets in the key vault. You can use the Azure portal, Azure PowerShell, or the Azure CLI to do this. You need to assign the Key Vault Secrets User role to the service principal at the scope of the key vault or individual secrets.

Enable template deployment for the key vault. You can use the Azure portal, Azure PowerShell, or the Azure CLI to do this. You need to set the enabledForTemplateDeployment property of the key vault to true.

Reference the secrets in the template by using their resource ID. You can use the listSecrets function to get the resource ID of a secret in the key vault. You need to specify the name of the key vault and the name of the secret as parameters.

Deploy the template by using Azure PowerShell, Azure CLI, or REST API. You can use the

New-AzResourceGroupDeployment cmdlet, the az deployment group create command, or the Deployments - Create Or Update REST API to do this. You need to provide the template file or URI and any required parameters. You also need to provide the credentials of the service principal.

NEW QUESTION 7

- (Exam Topic 4)

You have an Azure Active Directory (Azure AD) tenant named contoso1812.onmicrosoft.com that contains the users shown in the following table.

Name	Username	Type
User1	User1@contoso1812.onmicrosoft.com	Member
User2	User2@contoso1812.onmicrosoft.com	Member
User3	User3@contoso1812.onmicrosoft.com	Member
User4	User4@outlook.com	Guest

You create an Azure Information Protection label named Label1. The Protection settings for Label1 are configured as shown in the exhibit. (Click the Exhibit tab.)

Protection

Contoso1812 - Azure Information Protection

Protections settings

Azure (cloud key) HYOK (AD RMS)

Select the protection action type

Set permissions

Set user-defined permissions (Preview)

USERS	PERMISSIONS
AuthenticatedUsers	Viewer
User1@contoso1812.onmicrosoft.com	Co-Author
User2@contoso1812.onmicrosoft.com	Reviewer

+Add permissions

Label1 is applied to a file named File1.

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
------------	-----	----

User1 can print File1.

User3 can read File1.

User4 can print File1.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Statements	Yes	No
------------	-----	----

User1 can print File1.

User3 can read File1.

User4 can print File1.

NEW QUESTION 8

- (Exam Topic 4)

You have an Azure subscription that contains four Azure SQL managed instances.

You need to evaluate the vulnerability of the managed instances to SQL injection attacks. What should you do first?

- A. Create an Azure Sentinel workspace.
- B. Enable Advanced Data Security.
- C. Add the SQL Health Check solution to Azure Monitor.
- D. Create an Azure Advanced Threat Protection (ATP) instance.

Answer: B

NEW QUESTION 9

- (Exam Topic 4)

You have an Azure subscription that contains a user named User1. You need to ensure that User1 can create managed identities. The solution must use the principle of least privilege.

What should you do?

- A. Create a resource group and assign User1 to the Managed Identity Contributor role.
- B. Create a management group and assign User1 the Managed Identity Operator role.
- C. Create an organizational unit (OU) and assign User1 the User administrator Azure AD role.
- D. Create management group and assign User1 the Hybrid Identity Administrator Azure AD role.

Answer: A

NEW QUESTION 10

- (Exam Topic 4)

You have an Azure subscription that contains the resources shown in the following table.

Name	Type	Resource group
RG1	Resource group	Not applicable
RG2	Resource group	Not applicable
RG3	Resource group	Not applicable
SQL1	Azure SQL Database	RG3

Transparent Data Encryption (TDE) is disabled on SQL1.

You assign policies to the resource groups as shown in the following table.

Name	Condition	Effect if condition is false	Assignment
Policy1	TDE enabled	Deny	RG1, RG2
Policy2	TDE enabled	DeployIfNotExists	RG2, RG3
Policy3	TDE enabled	Audit	RG1

You plan to deploy Azure SQL databases by using an Azure Resource Manager (ARM) template. The databases will be configured as shown in the following table.

NOTE: Each correct selection is worth one point.

Answer Area

- | Statements | Yes | No |
|---|-----------------------|-----------------------|
| SQL1 will have TDE enabled automatically. | <input type="radio"/> | <input type="radio"/> |
| The deployment of SQL2 will fail. | <input type="radio"/> | <input type="radio"/> |
| SQL3 will be deployed and marked as noncompliant. | <input type="radio"/> | <input type="radio"/> |

- A. Mastered
 B. Not Mastered

Answer: A

Explanation:

Graphical user interface, text, application Description automatically generated

NEW QUESTION 10

- (Exam Topic 4)

You have an Azure Active Directory (Azure AD) tenant named contoso.com that contains a user named User1. You plan to publish several apps in the tenant. You need to ensure that User1 can grant admin consent for the published apps.

Which two possible user roles can you assign to User1 to achieve this goal? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. Application developer
 B. Security administrator
 C. Application administrator
 D. User administrator
 E. Cloud application administrator

Answer: CE

Explanation:

Reference:

<https://docs.microsoft.com/en-us/azure/active-directory/manage-apps/grant-admin-consent>

NEW QUESTION 11

- (Exam Topic 4)

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

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

You have a hybrid configuration of Azure Active Directory (AzureAD). You have an Azure HDInsight cluster on a virtual network.

You plan to allow users to authenticate to the cluster by using their on-premises Active Directory credentials. You need to configure the environment to support the planned authentication.

Solution: You deploy the On-premises data gateway to the on-premises network. Does this meet the goal?

- A. Yes
 B. No

Answer: B

Explanation:

Instead, you connect HDInsight to your on-premises network by using Azure Virtual Networks and a VPN gateway.

Note: To allow HDInsight and resources in the joined network to communicate by name, you must perform the following actions:

Create Azure Virtual Network.

Create a custom DNS server in the Azure Virtual Network.

Configure the virtual network to use the custom DNS server instead of the default Azure Recursive Resolver.

Configure forwarding between the custom DNS server and your on-premises DNS server. References:

<https://docs.microsoft.com/en-us/azure/hdinsight/connect-on-premises-network>

NEW QUESTION 15

- (Exam Topic 4)

You have an Azure Sentinel workspace that has the following data connectors:

- Azure Active Directory Identity Protection
- Common Event Format (CEF)
- Azure Firewall

You need to ensure that data is being ingested from each connector.

From the Logs query window, which table should you query for each connector? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

Azure Active Directory Identity Protection:

<input type="checkbox"/> AzureDiagnostics
<input type="checkbox"/> CommonSecurityLog
<input type="checkbox"/> SecurityAlert
<input type="checkbox"/> SecurityEvent
<input type="checkbox"/> Syslog

Azure Firewall:

<input type="checkbox"/> AzureDiagnostics
<input type="checkbox"/> CommonSecurityLog
<input type="checkbox"/> SecurityAlert
<input type="checkbox"/> SecurityEvent
<input type="checkbox"/> Syslog

CEF:

<input type="checkbox"/> AzureDiagnostics
<input type="checkbox"/> CommonSecurityLog
<input type="checkbox"/> SecurityAlert
<input type="checkbox"/> SecurityEvent
<input type="checkbox"/> Syslog

- A. Mastered
B. Not Mastered

Answer: A

Explanation:

Graphical user interface, application, table Description automatically generated

NEW QUESTION 19

- (Exam Topic 4)

You have an app that uses an Azure SQL database.

You need to be notified if a SQL injection attack is launched against the database. What should you do?

- A. Modify the Diagnostics settings for the database.
B. Deploy the SQL Health Check solution in Azure Monitor.
C. Enable Azure Defender for SQL for the database.
D. Enable server-level auditing for the database.

Answer: C

NEW QUESTION 24

- (Exam Topic 4)

You have an Azure subscription.

You plan to create a custom role-based access control (RBAC) role that will provide permission to read the Azure Storage account.

Which property of the RBAC role definition should you configure?

- A. NotActions []
B. DataActions []
C. AssignableScopes []
D. Actions []

Answer: D

Explanation:

To 'Read a storage account', ie. list the blobs in the storage account, you need an 'Action' permission. To read the data in a storage account, ie. open a blob, you need a 'DataAction' permission.

Reference:

<https://docs.microsoft.com/en-us/azure/role-based-access-control/role-definitions>

NEW QUESTION 26

- (Exam Topic 4)

You have an Azure subscription named Subscription1.

You need to view which security settings are assigned to Subscription1 by default. Which Azure policy or initiative definition should you review?

- A. the Audit diagnostic setting policy definition
- B. the Enable Monitoring in Azure Security Center initiative definition
- C. the Enable Azure Monitor for VMs initiative definition
- D. the Azure Monitor solution 'Security and Audit' must be deployed policy definition

Answer: B

Explanation:

Reference:

<https://docs.microsoft.com/en-us/azure/security-center/tutorial-security-policy> <https://docs.microsoft.com/en-us/azure/security-center/policy-reference>

NEW QUESTION 31

- (Exam Topic 4)

You have an Azure subscription that contains an Azure key vault named Vault1. On January 1, 2019, Vault1 stores the following secrets.

```
Enabled      : False
Expires      :
NotBefore    : 5/1/19 12:00:00 AM
Created      : 12/20/18 2:55:00 PM
Updated      : 12/20/18 2:55:00 PM
ContentType  :
Tags         :
TagTable     :
VaultName    : vault1
Name         : Password1
Version      :
Id          : https://vault1.vault.azure.net:443/secrets/Password1

Enabled      : True
Expires      : 5/1/19 12:00:00 AM
NotBefore    : 3/1/19 12:00:00 AM
Created      : 12/20/18 3:00:00 PM
Updated      : 12/20/18 3:00:00 PM
ContentType  :
Tags         :
TagsTable   :
VaultName    : vault1
Name         : Password2
Version      :
Id          : https://vault1.vault.azure.net:443/secrets/Password2
```

Which can each secret be used by an application? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

Password1:

Never
Always
Only after May 1, 2019

Password2:

Never
Always
Only between March 1, 2019 and May 1, 2019

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: Never Password1 is disabled.

Box 2: Only between March 1, 2019 and May 1, Password2:

```
Expires      : 5/1/19 12:00:00 AM
NotBefore    : 3/1/19 12:00:00 AM
```

Reference:

<https://docs.microsoft.com/en-us/powershell/module/azurerm.keyvault/set-azurekeyvaultsecretattribute>

NEW QUESTION 33

- (Exam Topic 4)

From the Azure portal, you are configuring an Azure policy.

You plan to assign policies that use the DeployIfNotExist, AuditIfNotExist, Append, and Deny effects.

Which effect requires a managed identity for the assignment?

- A. AuditIfNotExist
- B. Append
- C. DeployIfNotExist
- D. Deny

Answer: C

Explanation:

When Azure Policy runs the template in the deployIfNotExists policy definition, it does so using a managed identity.

References:

<https://docs.microsoft.com/bs-latn-ba/azure/governance/policy/how-to/remediate-resources>

NEW QUESTION 34

- (Exam Topic 4)

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

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

You have an Azure Subscription. The subscription contains 50 virtual machines that run Windows Server 2012 R2 or Windows Server 2016.

You need to deploy Microsoft Antimalware to the virtual machines. Solution: You connect to each virtual machine and add a Windows feature. Does this meet the goal?

- A. Yes
- B. No

Answer: B

Explanation:

Microsoft Antimalware is deployed as an extension and not a feature. References:

<https://docs.microsoft.com/en-us/azure/security/fundamentals/antimalware>

NEW QUESTION 35

- (Exam Topic 4)

You have an Azure subscription that is linked to an Azure AD tenant and contains the virtual machines shown in the following table.

Name	Connected to	Private IP address	Public IP address
VM1	VNET1/Subnet1	10.1.1.5	20.224.219.170
VM2	VNET1/Subnet2	10.1.2.5	20.224.219.230
VM3	VNET2/Subnet1	10.11.1.5	40.122.155.212

The subnets of the virtual networks have the service endpoints shown in the following table.

Subnet	Service endpoint
VNET1/Subnet1	Microsoft.Storage
VNET1/Subnet2	Microsoft.KeyVault
VNET2/Subnet1	Microsoft.Storage, Microsoft.KeyVault

You create the resources shown in the following table.

Name	Type
storage1	Azure Storage account
Vault1	Azure Key Vault

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

Answer Area

Statements	Yes	No
Connections from VM1 to storage1 always use IP address 10.1.1.5.	<input type="radio"/>	<input type="radio"/>
Connections from VM2 to Vault1 always use IP address 20.224.219.230.	<input type="radio"/>	<input type="radio"/>
Authentication from VM3 to the tenant uses either IP address 10.11.1.5 or 40.122.155.212.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Statements	Yes	No
Connections from VM1 to storage1 always use IP address 10.1.1.5.	<input checked="" type="radio"/>	<input type="radio"/>
Connections from VM2 to Vault1 always use IP address 20.224.219.230.	<input type="radio"/>	<input checked="" type="radio"/>
Authentication from VM3 to the tenant uses either IP address 10.11.1.5 or 40.122.155.212.	<input checked="" type="radio"/>	<input type="radio"/>

NEW QUESTION 40

- (Exam Topic 4)

You are troubleshooting a security issue for an Azure Storage account.

You enable the diagnostic logs for the storage account. What should you use to retrieve the diagnostics logs?

- A. the Security & Compliance admin center
- B. SQL query editor in Azure
- C. File Explorer in Windows
- D. AzCopy

Answer: D

Explanation:

References:

<https://docs.microsoft.com/en-us/azure/storage/common/storage-analytics-logging?toc=%2fazure%2fstorage%2f>

NEW QUESTION 41

- (Exam Topic 4)

You have an Azure Active Directory (Azure AD) tenant named contoso.com that contains the users shown in the following table.

Name	Member of	Multi-factor authentication (MFA) status
User1	None	Disabled
User2	Group1	Disabled
user3	Group1	Enforced

Azure AD Privileged Identity Management (PIM) is enabled for the tenant. In PIM, the Password Administrator role has the following settings:

- Maximum activation duration (hours): 2
- Send email notifying admins of activation: Disable
- Require incident/request ticket number during activation: Disable
- Require Azure Multi-Factor Authentication for activation: Enable
- Require approval to activate this role: Enable
- Selected approver: Group1

You assign users the Password Administrator role as shown in the following table.

Name	Assignment type
User1	Active
User2	Eligible
user3	Eligible

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 User1 signs in, the user is assigned the Password Administrator role automatically.

User2 can request to activate the Password Administrator role.

If User3 wants to activate the Password Administrator role, the user can approve their own request.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

YES (Already active)

YES (The user will be prompted for MFA regardless the MFA Status of the user) NO (Even the user is included in the group, a user can't approve itself)
<https://docs.microsoft.com/en-us/azure/active-directory/privileged-identity-management/pim-deployment-plan> (Require approval section)

NEW QUESTION 46

- (Exam Topic 4)

You have an Azure subscription name Sub1 that contains an Azure Policy definition named Policy1. Policy1 has the following settings:

- Definition location: Tenant Root Group
- Category: Monitoring

You need to ensure that resources that are noncompliant with Policy1 are listed in the Azure Security Center dashboard.

What should you do first?

- A. Change the Category of Policy1 to Security Center.
- B. Add Policy1 to a custom initiative.
- C. Change the Definition location of Policy1 to Sub1.
- D. Assign Policy1 to Sub1.

Answer: D

Explanation:

Reference:

<https://docs.microsoft.com/en-us/azure/governance/policy/overview>

NEW QUESTION 51

- (Exam Topic 4)

Your network contains an on-premises Active Directory domain named adatum.com that syncs to Azure Active Directory (Azure AD). Azure AD Connect is installed on a domain member server named Server1.

You need to ensure that a domain administrator for the adatum.com domain can modify the synchronization options. The solution must use the principle of least privilege.

Which Azure AD role should you assign to the domain administrator?

- A. Security administrator
- B. Global administrator
- C. User administrator

Answer: B

Explanation:

Reference:

<https://docs.microsoft.com/en-us/azure/active-directory/hybrid/reference-connect-accounts-permissions>

NEW QUESTION 54

- (Exam Topic 4)

You have an Azure Active Directory (Azure AD) tenant named contoso.com that contains three security groups named Group1, Group2, and Group3 and the users shown in the following table.

Name	Role	Member of
User1	Application administrator	Group1
User2	Application developer	Group2
User3	Cloud application administrator	Group3

Group3 is a member of Group2.

In contoso.com, you register an enterprise application named App1 that has the following settings:

- Owners: User1
- Users and groups: Group2

You configure the properties of App1 as shown in the following exhibit.

Save Discard Delete Got feedback

Enabled for users to sign-in? Yes No

Name *

Homepage URL

Logo

AP

Select a file

Application ID

Object ID

User assignment required? Yes No

Visible to users Yes No

Notes

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
------------	-----	----

User1 has App1 listed on his My Apps portal.

User2 has App1 listed on her My Apps portal.

User3 has App1 listed on her My Apps portal.

- A. Mastered
B. Not Mastered

Answer: A

Explanation:

Text Description automatically generated

Reference:

<https://docs.microsoft.com/en-us/azure/active-directory/manage-apps/assign-user-or-group-access-portal>

NEW QUESTION 58

- (Exam Topic 4)

You have an Azure subscription that contains the virtual machines shown in the following table.

Name	Connected to	Private IP address	Public IP address
VM1	VNET1/Subnet1	10.1.1.4	13.80.73.87
VM2	VNET2/Subnet2	10.2.1.4	213.199.133.190
VM3	VNET2/Subnet2	10.2.1.5	None

Subnet1 and Subnet2 have a Microsoft.Storage service endpoint configured.

You have an Azure Storage account named storageacc1 that is configured as shown in the following exhibit.

Save Discard Refresh

Allow access from
 All networks Selected networks

Configure network security for your storage accounts. [Learn more.](#)

Virtual networks

Secure your storage account with virtual networks. [+ Add existing virtual network](#)

[+ Add new virtual network](#)

VIRTUAL NETWORK	SUBNET	ADDRESS RANGE	ENDPOINT STATUS	RESOURCE GROUP	SUBSCRIPTION
No network selected.					

No network selected.

Firewall

Add IP ranges to allow access from the internet on your on-premises networks. [Learn more.](#)

Address Range

13.80.73.87



IP address or CIDR

Exceptions

- Allow trusted Microsoft services to access this storage account ⓘ
 Allow read access to storage logging from any network
 Allow read access to storage metrics from any network

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

Statements	Yes	No
From VM1, you can upload a blob to storageacc1.	<input type="radio"/>	<input type="radio"/>
From VM2, you can upload a blob to storageacc1.	<input type="radio"/>	<input type="radio"/>
From VM3 , you can upload a blob to storageacc1.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
B. Not Mastered

Answer: A

Explanation:

Box 1: Yes

The public IP of VM1 is allowed through the firewall.

Box 2: No

The allowed virtual network list is empty so VM2 cannot access storageacc1 directly. The public IP address of VM2 is not in the allowed IP list so VM2 cannot access storageacc1 over the Internet.

Box 3: No

The allowed virtual network list is empty so VM3 cannot access storageacc1 directly. VM3 does not have a public IP address so it cannot access storageacc1 over the Internet.

Reference:

<https://docs.microsoft.com/en-gb/azure/storage/common/storage-network-security>

NEW QUESTION 60

- (Exam Topic 4)

You have an Azure Active Directory (Azure AD) tenant named contoso.com that contains the users shown in the following table.

Name	Member of	Mobile phone	Multi-factor authentication (MFA) status
User1	Group1	123 555 7890	Disabled
User2	Group1, Group2	None	Enabled
User3	Group1	123 555 7891	Required

You create and enforce an Azure AD Identity Protection user risk policy that has the following settings:

- Assignment: Include Group1, Exclude Group2
- Conditions: Sign-in risk of Medium and above
- Access: Allow access, Require password change

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
If User1 signs in from an unfamiliar location, he must change his password.	<input type="radio"/>	<input type="radio"/>
If User2 signs in from an anonymous IP address, she must change her password.	<input type="radio"/>	<input type="radio"/>
If User3 signs in from a computer containing malware that is communicating with known bot servers, he must change his password.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
B. Not Mastered

Answer: A

Explanation:

Box 1: Yes

User1 is member of Group1. Sign in from unfamiliar location is risk level Medium. Box 2: Yes

User2 is member of Group1. Sign in from anonymous IP address is risk level Medium. Box 3: No

Sign-ins from IP addresses with suspicious activity is low. Note:

Sign-in Activity	Risk Level
Users with leaked credentials	High
Sign-ins from anonymous IP addresses	Medium
Impossible travel to atypical locations	Medium
Sign-ins from infected devices	Medium
Sign-ins from IP addresses with suspicious activity	Low
Sign-ins from unfamiliar locations	Medium

Azure AD Identity protection can detect six types of suspicious sign-in activities:

- Users with leaked credentials
- Sign-ins from anonymous IP addresses
- Impossible travel to atypical locations
- Sign-ins from infected devices
- Sign-ins from IP addresses with suspicious activity
- Sign-ins from unfamiliar locations

These six types of events are categorized into 3 levels of risks – High, Medium & Low: References:

<http://www.rebeladmin.com/2018/09/step-step-guide-configure-risk-based-azure-conditional-access-policies/>

NEW QUESTION 61

- (Exam Topic 4)

You are collecting events from Azure virtual machines to an Azure Log Analytics workspace. You plan to create alerts based on the collected events. You need to identify which Azure services can be used to create the alerts.

Which two services should you identify? Each correct answer presents a complete solution NOTE: Each correct selection is worth one point.

- A. Azure Monitor
B. Azure Security Center
C. Azure Analytics Services
D. Azure Sentinel
E. Azure Advisor

Answer: AD

Explanation:

<https://docs.microsoft.com/en-us/azure/analysis-services/analysis-services-overview>

NEW QUESTION 64

- (Exam Topic 4)

You have an Azure subscription that contains the storage accounts shown in the following table.

Name	Performance	Account kind	Azure Data Lake Storage Gen2
storage1	Standard	BlobStorage	Enabled
storage2	Premium	BlockBlobStorage	Disabled
storage3	Standard	Storage	Disabled
storage4	Premium	FileStorage	Disabled
storage5	Standard	StorageV2	Enabled

You enable Microsoft Defender for Storage.

Which storage services of storages are monitored by Microsoft Defender for Storage, and which storage accounts are protected by Microsoft Defender for Storage? To answer, select the appropriate options in the answer area.

Answer Area

Monitored storage5 services:

Protected storage accounts:

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:**Answer Area**

Monitored storage5 services: File services and table services only

Protected storage accounts: storage1, storage4, and storage5 only

NEW QUESTION 68

- (Exam Topic 4)

You have an Azure Storage account that contains a blob container named container1 and a client application named App1.

You need to enable App1 access to container1 by using Azure Active Directory (Azure AD) authentication.

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

NOTE: Each correct selection is worth one point.

From Azure AD:

Register App1.
 Create an access package.
 Implement an application proxy.
 Modify the authentication methods.

From the storage account:

Add a private endpoint.
 Regenerate the access key.
 Configure Access control (IAM).
 Generate a shared access signature (SAS).

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Reference:

<https://azure.microsoft.com/en-in/blog/announcing-the-preview-of-aad-authentication-for-storage/> <https://github.com/MicrosoftDocs/azure-docs/blob/master/articles/storage/common/storage-auth-aad-rbac-portal>

NEW QUESTION 73

- (Exam Topic 4)

You have an Azure subscription that contains the following Azure firewall:

- Name: Fw1
- Azure region: UK West
- Private IP address: 10.1.3.4
- Public IP address: 23.236.62.147

The subscription contains the virtual networks shown in the following table.

Name	Location	IP address space	Peered with
Vnet1	UK West	10.1.0.0/16	Vnet2
Vnet2	East US	10.2.0.0/16	Vnet1, Vnet3
Vnet3	West US	10.3.0.0/16	Vnet2,

The subscription contains the subnets shown in the following table.

Name	Virtual network	IP address range
Subnet1-1	Vnet1	10.1.1.0/24
Subnet1-2	Vnet1	10.1.2.0/24
AzureFirewallSubnet	Vnet1	10.1.3.0/24
Subnet2-1	Vnet2	10.2.1.0/24
Subnet3-1	Vnet3	10.3.1.0/24

The subscription contains the routes shown in the following table.

Name	Subnet	IP address prefix	Next hop type	Next hop IP address
Rt1	Subnet1-1	0.0.0.0/0	Virtual appliance	10.1.3.4
Rt2	Subnet1-2	10.1.1.0/24	Virtual appliance	10.1.3.4
Rt3	Subnet2-1	10.1.1.0/24	Virtual appliance	10.1.3.4
Rt4	Subnet3-1	10.2.1.0/24	Virtual appliance	10.1.3.4

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

Answer Area

Statements	Yes	No
Traffic from Subnet1-1 to Subnet 1-2 is routed through Fw1.	<input checked="" type="radio"/>	<input type="radio"/>
Traffic from Subnet2-1 to Subnet 1-1 is routed through Fw1.	<input type="radio"/>	<input checked="" type="radio"/>
Traffic from Subnet3-1 to the internet is routed through Fw1.	<input checked="" type="radio"/>	<input type="radio"/>

- A. Mastered
 B. Not Mastered

Answer: A

Explanation:

Answer Area

Statements	Yes	No
Traffic from Subnet1-1 to Subnet 1-2 is routed through Fw1.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Traffic from Subnet2-1 to Subnet 1-1 is routed through Fw1.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Traffic from Subnet3-1 to the internet is routed through Fw1.	<input checked="" type="checkbox"/>	<input type="checkbox"/>

NEW QUESTION 75

- (Exam Topic 4)

You have an Azure subscription that contains virtual machines. You enable just in time (JIT) VM access to all the virtual machines. You need to connect to a virtual machine by using Remote Desktop. What should you do first?

- A. From Azure Directory (Azure AD) Privileged Identity Management (PIM), activate the Security administrator user role.
- B. From Azure Active Directory (Azure AD) Privileged Identity Management (PIM), activate the Owner role for the virtual machine.
- C. From the Azure portal, select the virtual machine, select Connect, and then select Request access.
- D. From the Azure portal, select the virtual machine and add the Network Watcher Agent virtual machine extension.

Answer: C

Explanation:

Reference:

<https://docs.microsoft.com/en-us/azure/virtual-machines/windows/connect-logon>

NEW QUESTION 77

- (Exam Topic 4)

You have an Azure subscription.

You plan to create a workflow automation in Azure Security Center that will automatically remediate a security vulnerability.

What should you create first?

- A. a managed identity
- B. an automation account
- C. an Azure function app
- D. an alert rule
- E. an Azure logic app

Answer: E

Explanation:

Reference:

<https://docs.microsoft.com/en-us/azure/security-center/workflow-automation>

NEW QUESTION 81

- (Exam Topic 4)

You have an Azure Active Directory (Azure AD) tenant. The tenant contains users that are assigned Azure AD Premium Plan 2 licenses.

You have a partner company that has a domain named fabrikam.com. The fabrikam.com domain contains a user named user1. User1 has an email address of user1@fabrikam.com.

You need to provide User1 access to the resources in the tenant. The solution must meet the following requirements:
► User1 must be able to sign in by using the user1@fabrikam.com credentials

- You must be able to grant User1 access to the resources in the tenant
- Administrative effort must be minimized.

What should you do?

- A. Create a user account for user1.
- B. Create an invite for User1.
- C. To the tenant add fabrikam.com as a custom domain
- D. Set Enable guest self-service sign up via user flows to Yes for the tenant.

Answer: B

NEW QUESTION 86

- (Exam Topic 4)

You have an Azure subscription named Subscription1 that contains the resources shown in the following table.

Name	Type	In resource group
8372f433-2dcd-4361-b5ef-5b188fed87d0	Subscription ID	<i>Not applicable</i>
RG1	Resource group	<i>Not applicable</i>
VM1	Virtual machine	RG1
VNET1	Virtual network	RG1
storage	Storage account	RG1
User1	User account	<i>Not applicable</i>

You create an Azure role by using the following JSON file.

```
{  
    "properties": {  
        "roleName": "Role1",  
        "description": "",  
        "assignableScopes": [  
            "/subscriptions/8372f433-2dcd-4361-b5ef-5b188fed87d0",  
            "/subscriptions/8372f433-2dcd-4361-b5ef-5b188fed87d0/resourceGroups/RG1"  
        ],  
        "permissions": [  
            {  
                "actions": [  
                    "Microsoft.Compute/*"  
                ],  
                "notActions": [],  
                "dataActions": [],  
                "notDataActions": []  
            }  
        ]  
    }  
}
```

You assign Role1 to User1 for RG1.

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
User1 can create a new virtual machine in RG1.	<input type="radio"/>	<input type="radio"/>
User can modify the properties of storage1.	<input type="radio"/>	<input type="radio"/>
User1 can attach the network interface of VM1 to VNET1.	<input checked="" type="radio"/>	<input type="radio"/>

- A. Mastered
B. Not Mastered

Answer: A

Explanation:

NO NO NO

Reference:

<https://docs.microsoft.com/en-us/azure/role-based-access-control/built-in-roles#compute>

NEW QUESTION 91

- (Exam Topic 4)

You have an Azure subscription that contains the following resources:

- A network virtual appliance (NVA) that runs non-Microsoft firewall software and routes all outbound traffic from the virtual machines to the internet
- An Azure function that contains a script to manage the firewall rules of the NVA
- Azure Security Center standard tier enabled for all virtual machines
- An Azure Sentinel workspace
- 30 virtual machines

You need to ensure that when a high-priority alert is generated in Security Center for a virtual machine, an incident is created in Azure Sentinel and then a script is initiated to configure a firewall rule for the NVA.

How should you configure Azure Sentinel to meet the requirements? To answer, drag the appropriate components to the correct requirements. Each component 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.

Components	Answer Area
A data connector for Security Center	Enable alert notifications from Security Center: <input type="text"/>
A data connector for the firewall software	Create an incident: <input type="text"/>
A playbook	Initiate a script to configure the firewall rule: <input type="text"/>
A rule	
A Security Events connector	
A workbook	

- A. Mastered
B. Not Mastered

Answer: A

Explanation:

Reference:

<https://docs.microsoft.com/en-us/azure/sentinel/create-incidents-from-alerts> <https://docs.microsoft.com/en-us/azure/sentinel/connect-azure-security-center>

NEW QUESTION 96

- (Exam Topic 4)

You have an Azure subscription that contains a web app named App1.

Users must be able to select between a Google identity or a Microsoft identity when authenticating to App1. You need to add Google as an identity provider in Azure AD.

Which two pieces of information should you configure? Each correct answer presents part of the solution. Each correct selection is worth one point

- A. a tenant name
B. a tenant ID
C. the endpoint URL Of an application

- D. a client ID
- E. a client secret

Answer: DE

Explanation:

<https://learn.microsoft.com/en-us/azure/app-service/configure-authentication-provider-google>

NEW QUESTION 97

- (Exam Topic 4)

You have been tasked with configuring an access review, which you plan to assign to a new collection of reviews. You also have to make sure that the reviews can be reviewed by resource owners.

You start by creating an access review program and an access review control. You now need to configure the Reviewers.

Which of the following should you set Reviewers to?

- A. Selected users.
- B. Members (Self).
- C. Group Owners.
- D. Anyone.

Answer: C

Explanation:

In the Reviewers section, select either one or more people to review all the users in scope. Or you can select to have the members review their own access. If the resource is a group, you can ask the group owners to review.

Graphical user interface, application Description automatically generated with medium confidence



Reference:

<https://docs.microsoft.com/en-us/azure/active-directory/governance/create-access-review>

<https://docs.microsoft.com/en-us/azure/active-directory/governance/manage-programs-controls>

NEW QUESTION 102

- (Exam Topic 4)

You company has an Azure Active Directory (Azure AD) tenant named contoso.com. You plan to create several security alerts by using Azure Monitor.

You need to prepare the Azure subscription for the alerts. What should you create first?

- A. An Azure Storage account
- B. an Azure Log Analytics workspace
- C. an Azure event hub
- D. an Azure Automation account

Answer: B

Explanation:

<https://docs.microsoft.com/en-us/azure/azure-monitor/learn/quick-create-workspace>

NEW QUESTION 106

- (Exam Topic 4)

You are troubleshooting a security issue for an Azure Storage account. You enable Azure Storage Analytics logs and archive it to a storage account. What should you use to retrieve the diagnostics logs?

- A. Azure Storage Explorer
- B. SQL query editor in Azure
- C. Azure Monitor
- D. Azure Cosmos DB explorer

Answer: A

NEW QUESTION 108

- (Exam Topic 4)

You need to create an Azure key vault. The solution must ensure that any object deleted from the key vault be retained for 90 days.

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

```
New-AzureRmKeyVault -VaultName 'KeyVault1' -ResourceGroupName 'RG1'
```

-Location 'East US'

- EnabledForDeployment
- EnablePurgeProtection
- Tag

- Confirm
- DefaultProfile
- EnableSoftDelete
- SKU

- A. Mastered
B. Not Mastered

Answer: A

Explanation:

Box 1: -EnablePurgeProtection

If specified, protection against immediate deletion is enabled for this vault; requires soft delete to be enabled as well.

Box 2: -EnableSoftDelete

Specifies that the soft-delete functionality is enabled for this key vault. When soft-delete is enabled, for a grace period, you can recover this key vault and its contents after it is deleted.

References:

<https://docs.microsoft.com/en-us/powershell/module/azurerm.keyvault/new-azurermkeyvault>

NEW QUESTION 110

- (Exam Topic 4)

You have Azure virtual machines that have Update Management enabled. The virtual machines are configured as shown in the following table.

Name	Operating system	Region	Resource group
VM1	Windows Server 2012	East US	RG1
VM2	Windows Server 2012 R2	West US	RG1
VM3	Windows Server 2016	West US	RG2
VM4	Ubuntu Server 18.04 LTS	West US	RG2
VM5	Red Hat Enterprise Linux 7.4	East US	RG1
VM6	CentOS 7.5	East US	RG1

You schedule two update deployments named Update1 and Update2. Update1 updates VM3. Update2 updates VM6.

Which additional virtual machines can be updated by using Update1 and Update2? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Update1:

- VM2 only
- VM4 only
- VM1 and VM2 only
- VM1, VM2, VM4, VM5, and VM6

Update2:

- VM5 only
- VM1 and VM5 only
- VM4 and VM5 only
- VM1, VM2, and VM5 only
- VM1, VM2, VM3, VM4, and VM5

- A. Mastered
B. Not Mastered

Answer: A

Explanation:

Update1: VM1 and VM2 only

VM3: Windows Server 2016 West US RG2 Update2: VM4 and VM5 only

VM6: CentOS 7.5 East US RG1

For Linux, the machine must have access to an update repository. The update repository can be private or public.

References:

<https://docs.microsoft.com/en-us/azure/automation/automation-update-management>

NEW QUESTION 113

- (Exam Topic 4)

Your on-premises network contains a Hyper-V virtual machine named VM1. You need to use Azure Arc to onboard VM1 to Microsoft Defender for Cloud. What should you install first?

- A. the Azure Monitor agent
- B. the Azure Connected Machine agent
- C. the Log Analytics agent
- D. the guest configuration agent

Answer: B

NEW QUESTION 118

- (Exam Topic 4)

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

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

You have an Azure Subscription named Sub1.

You have an Azure Storage account named Sa1 in a resource group named RG1.

Users and applications access the blob service and the file service in Sa1 by using several shared access signatures (SASs) and stored access policies.

You discover that unauthorized users accessed both the file service and the blob service. You need to revoke all access to Sa1.

Solution: You generate new SASs. Does this meet the goal?

- A. Yes
- B. No

Answer: B

Explanation:

Instead you should create a new stored access policy.

To revoke a stored access policy, you can either delete it, or rename it by changing the signed identifier. Changing the signed identifier breaks the associations between any existing signatures and the stored access policy. Deleting or renaming the stored access policy immediately affects all of the shared access signatures associated with it.

References:

<https://docs.microsoft.com/en-us/rest/api/storageservices/Establishing-a-Stored-Access-Policy>

NEW QUESTION 123

- (Exam Topic 4)

You have an Azure Container Registry named ContReg1 that contains a container image named image1. You enable content trust for ContReg1.

After content trust is enabled, you push two images to ContReg1 as shown in the following table.

Name	Details
image2	Image was pushed with client content trust enabled.
image3	Image was pushed with client content trust disabled.

Which images are trusted images?

- A. image1 and image2 only
- B. image2 only
- C. image1, image2, and image3

Answer: B

Explanation:

Azure Container Registry implements Docker's content trust model, enabling pushing and pulling of signed images.

To push a trusted image tag to your container registry, enable content trust and push the image with docker push.

To work with trusted images, both image publishers and consumers need to enable content trust for their Docker clients. As a publisher, you can sign the images you push to a content trust-enabled registry.

Reference:

<https://docs.microsoft.com/en-us/azure/container-registry/container-registry-content-trust>

NEW QUESTION 126

- (Exam Topic 4)

Your network contains an on-premises Active Directory domain named contoso.com. The domain contains a user named User1.

You have an Azure subscription that is linked to an Azure Active Directory (Azure AD) tenant named contoso.com. The tenant contains an Azure Storage account named storage1. Storage1 contains an Azure file share named share1.

Currently, the domain and the tenant are not integrated.

You need to ensure that User1 can access share1 by using his domain credentials.

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

Create a private link to storage1.

Enable Active Directory Domain Services (AD DS) authentication on storage1.

Implement Azure AD Connect.

Create a service endpoint to storage1.

Assign share-level permissions for share1.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Reference:

<https://docs.microsoft.com/en-us/azure/security-center/security-center-compliance-dashboard>

NEW QUESTION 131

- (Exam Topic 4)

You have an Azure Active Directory (Azure AD) tenant named contoso.onmicrosoft.com. The User administrator role is assigned to a user named Admin1. An external partner has a Microsoft account that uses the user1@outlook.com sign in.

Admin1 attempts to invite the external partner to sign in to the Azure AD tenant and receives the following error message: "Unable to invite user user1@outlook.com Generic authorization exception."

You need to ensure that Admin1 can invite the external partner to sign in to the Azure AD tenant.

What should you do?

- A. From the Roles and administrators blade, assign the Security administrator role to Admin1.
- B. From the Organizational relationships blade, add an identity provider.
- C. From the Custom domain names blade, add a custom domain.
- D. From the Users blade, modify the External collaboration settings.

Answer: D

Explanation:

You need to allow guest invitations in the External collaboration settings.

NEW QUESTION 134

- (Exam Topic 4)

You have an Azure Active Directory (Azure AD) tenant. You have the deleted objects shown in the following table.

Name	Type	Deleted on
Group1	Security group	April 5, 2020
Group2	Office 365 group	April 5, 2020
User1	User	March 25, 2020
User2	User	April 30, 2020

On May 4, 2020, you attempt to restore the deleted objects by using the Azure Active Directory admin center. Which two objects can you restore? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. Group1
- B. Group2
- C. User2
- D. User1

Answer: BC

Explanation:

Deleted users and deleted Office 365 groups are available for restore for 30 days. You cannot restore a deleted security group.

Reference:

<https://docs.microsoft.com/en-us/azure/active-directory/users-groups-roles/groups-restore-deleted>

NEW QUESTION 135

- (Exam Topic 4)

You have a hybrid configuration of Azure Active Directory (Azure AD). You have an Azure SQL Database instance that is configured to support Azure AD authentication.

Database developers must connect to the database instance and authenticate by using their on-premises Active Directory account.

You need to ensure that developers can connect to the instance by using Microsoft SQL Server Management Studio. The solution must minimize authentication prompts.

Which authentication method should you recommend?

- A. Active Directory - Password
- B. Active Directory - Universal with MFA support
- C. SQL Server Authentication
- D. Active Directory - Integrated

Answer: D

Explanation:

References:

<https://docs.microsoft.com/en-us/azure/sql-database/sql-database-aad-authentication-configure>

NEW QUESTION 136

- (Exam Topic 4)

You have the role assignments shown in the following exhibit.

```
[{"RoleAssignmentId": "13ae6e22-b93a-412f-9dc5-fc82b1726bde", "Scope": "/subscriptions/0a1baf97-0be4-424a-92fa-873c5a45fbbc/resourceGroups/RG1", "DisplayName": "Admin1", "SignInName": "Admin1@contoso.com", "RoleDefinitionName": "Owner", "RoleDefinitionId": "/subscriptions/0a1baf97-0be4-424a-92fa-873c5a45fbbc/providers/"}]
```

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.

[answer choice] can delete VM1.

Only Admin1
Only Admin1 and Admin2
Only Admin1 and Admin3
Only Admin1 and Admin4
Admin1, Admin2, Admin3, and Admin4

[answer choice] can create new resource groups.

Admin1 only
Admin2 only
Admin3 only
Admin1 and Admin3 only
Admin1, Admin2, Admin3, and Admin4

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

[answer choice] can delete VM1.

Only Admin1
Only Admin1 and Admin2
Only Admin1 and Admin3
Only Admin1 and Admin4
Admin1, Admin2, Admin3, and Admin4

[answer choice] can create new resource groups.

Admin1 only
Admin2 only
Admin3 only
Admin1 and Admin3 only
Admin1, Admin2, Admin3, and Admin4

NEW QUESTION 140

- (Exam Topic 4)

You have an Azure subscription that contains two virtual machines named VM1 and VM2 that run Windows Server 2019. You are implementing Update Management in Azure Automation. You plan to create a new update deployment named Update1. You need to ensure that Update1 meets the following requirements:

- Automatically applies updates to VM1 and VM2.
- Automatically adds any new Windows Server 2019 virtual machines to Update1. What should you include in Update1?

- A. a security group that has a Membership type of Dynamic Device
- B. a security group that has a Membership type of Assigned
- C. a Kusto query language query
- D. a dynamic group query

Answer: D

NEW QUESTION 142

- (Exam Topic 4)

You have an Azure subscription that contains the virtual machines shown in the following table.

Name	Operating system
VM1	Windows Server 2016
VM2	Ubuntu Server 18.04 LTS

From Azure Security Center, you turn on Auto Provisioning. You deploy the virtual machines shown in the following table.

Name	Operating system
VM3	Windows Server 2016
VM4	Ubuntu Server 18.04 LTS

On which virtual machines is the Microsoft Monitoring agent installed?

- A. VM3 only
- B. VM1 and VM3 only
- C. VM3 and VM4 only
- D. VM1, VM2, VM3, and VM4

Answer: D

Explanation:

When automatic provisioning is enabled, Security Center provisions the Microsoft Monitoring Agent on all supported Azure VMs and any new ones that are created.

Supported Operating systems include: Ubuntu 14.04 LTS (x86/x64), 16.04 LTS (x86/x64), and 18.04 LTS (x64) and Windows Server 2008 R2, 2012, 2012 R2, 2016, version 1709 and 1803.

References:

<https://docs.microsoft.com/en-us/azure/security-center/security-center-faq>

NEW QUESTION 143

- (Exam Topic 4)

You have an Azure subscription that contains the subnets shown in the following table.

Name	Virtual network	Location
Subnet11	VNet1	West US
Subnet12	VNet1	West US
Subnet21	VNet2	West US

The subscription contains Azure web app named WebApp1 that has the following configurations.

- * Region West US
- * Virtual network VNet1
- * VNet integration on: Enabled
- * Outbound subnet: Subnet11
- * Windows plan (West US): ASP1

You plan to deploy an Azure web app named WebApp2 that will have the following settings:

- * Region: West US
- * VNet integration on-Enabled
- * Windows plan (West US): WebApp2?

To which subnets can you integrate WebApp2?

- A. Subnet11 only
- B. Subnet2 only
- C. Subnet11 or subnet12 only
- D. Subnet2 or Subnet21 only
- E. Subnet11, subnet2, or Subnet21

Answer: C

NEW QUESTION 145

- (Exam Topic 4)

HOTSPOT

You suspect that users are attempting to sign in to resources to which they have no access.

You need to create an Azure Log Analytics query to identify failed user sign-in attempts from the last three days. The results must only show users who had more than five failed sign-in attempts.

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

```
let timeframe = 3d;
SecurityEvent
| where TimeGenerated > ago(3d)
| where AccountType == 'User' and EventID == 4625
| summarize failed_login_attempts=Count()
| latest_failed_login=arg_max(TimeGenerated by Account
| where failed_login_attempts > 5
```

ActivityID
DataType
EventID
QuantityUnit

Count(),
Countif(),
Makeset(),
Split(),

- A. Mastered
B. Not Mastered

Answer: A

Explanation:

The following example identifies user accounts that failed to log in more than five times in the last day, and when they last attempted to log in.

```
let timeframe = 1d; SecurityEvent
| where TimeGenerated > ago(1d)
| where AccountType == 'User' and EventID == 4625 // 4625 - failed log in
| summarize failed_login_attempts=count(), latest_failed_login=arg_max(TimeGenerated, Account) by Account
| where failed_login_attempts > 5
| project-away Account1 References:  
https://docs.microsoft.com/en-us/azure/azure-monitor/log-query/examples
```

NEW QUESTION 147

- (Exam Topic 4)

You have an Azure subscription named Sub 1 that is associated to an Azure Active Directory (Azure AD) tenant named contoso.com. The tenant contains the users shown in the following table.

Name	Role
User1	Global administrator
User2	Security administrator
User3	Security reader
User4	License administrator

Each user is assigned an Azure AD Premium P2 license.

You plan to onboard and configure Azure AD Identity Protection.

Which users can onboard Azure AD Identity Protection, remediate users, and configure policies? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point

Answer Area

Users who can onboard Azure AD Identity Protection:
User1 only
User1 and User2 only
User1, User 2, and User3 only
User1, User 2, User3, and User 4 only

Users who can remediate users and configure policies:
User1 and User2 only
User1 and User3 only
User1, User 2, and User3 only
User1, User 2, User3, and User 4

- A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

Users who can onboard Azure AD Identity Protection:

User1 only
User1 and User2 only
User1, User 2, and User3 only
User1, User 2, User3, and User 4 only

Users who can remediate users and configure policies:

User1 and User2 only
User1 and User3 only
User1, User 2, and User3 only
User1, User 2, User3, and User 4

NEW QUESTION 149

- (Exam Topic 4)

You have an Azure subscription that contains the virtual networks shown in the following table.

Name	Region	Subnet
VNET1	West US	Subnet11 and Subnet12
VNET2	West US 2	Subnet21
VNET3	East US	Subnet31

The subscription contains the virtual machines shown in the following table.

Name	Network interface	Connected to
VM1	NIC1	Subnet11
VM2	NIC2	Subnet11
VM3	NIC3	Subnet12
VM4	NIC4	Subnet21
VM5	NIC5	Subnet31

On NIC1, you configure an application security group named ASG1. On which other network interfaces can you configure ASG1?

- A. NIC2 only
- B. NIC2, NIC3, NIC4, and NIC5
- C. NIC2 and NIC3 only
- D. NIC2, NIC3, and NIC4 only

Answer: C

Explanation:

Only network interfaces in VNET1, which consists of Subnet11 and Subnet12, can be configured in ASG1, as all network interfaces assigned to an application security group have to exist in the same virtual network that the first network interface assigned to the application security group is in.

Reference:

<https://azure.microsoft.com/es-es/blog/applicationsecuritygroups/>

NEW QUESTION 154

- (Exam Topic 4)

Lab Task

Task 7

You need to ensure that connections through an Azure Application Gateway named Homepage-AGW are inspected for malicious requests.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Enable Web Application Firewall (WAF) for the application gateway. You can use the Azure portal, Azure PowerShell, or the Azure CLI to do this. You need to select a WAF policy and a WAF mode for the application gateway. You can choose a predefined policy or create a custom policy with your own rules and exclusions.

Configure WAF policy settings. You can use the Azure portal, Azure PowerShell, or the Azure CLI to do this. You need to select the managed rulesets and rule groups that you want to enable or disable for the WAF policy. You can also configure custom rules to match specific patterns or conditions and take actions such as blocking or logging requests.

Monitor WAF logs. You can use different types of logs in Azure to manage and troubleshoot the application gateway and the WAF policy. You can access some of these logs through the portal, such as metrics and health probes. You can also export the logs to Azure Storage, Event Hubs, or Log Analytics and view them in different tools, such as Azure Monitor, Excel, or Power BI.

NEW QUESTION 157

- (Exam Topic 4)

You plan to use Azure Resource Manager templates to perform multiple deployments of identically configured Azure virtual machines. The password for the administrator account of each deployment is stored as a secret in different Azure key vaults.

You need to identify a method to dynamically construct a resource ID that will designate the key vault containing the appropriate secret during each deployment.

The name of the key vault and the name of the secret will be provided as inline parameters.

What should you use to construct the resource ID?

- A. a key vault access policy
- B. a linked template
- C. a parameters file
- D. an automation account

Answer: C

Explanation:

<https://docs.microsoft.com/en-us/azure/azure-resource-manager/templates/key-vault-parameter?tabs=azure-cli#r>

NEW QUESTION 159

- (Exam Topic 4)

You have an Azure resource group that contains 100 virtual machines.

You have an initiative named Initiative1 that contains multiple policy definitions. Initiative1 is assigned to the resource group.

You need to identify which resources do NOT match the policy definitions.

What should you do?

- A. From Azure Security Center, view the Regulatory compliance assessment.
- B. From the Policy blade of the Azure Active Directory admin center, select Compliance.
- C. From Azure Security Center, view the Secure Score.
- D. From the Policy blade of the Azure Active Directory admin center, select Assignments.

Answer: A

Explanation:

Reference:

<https://docs.microsoft.com/en-us/azure/governance/policy/how-to/get-compliance-data#portal>

NEW QUESTION 164

- (Exam Topic 4)

You have an Azure subscription that contains the resources shown in the following table.

Name	Type
storage1	Storage account
Vault1	Azure Key vault
Vault2	Azure Key vault

You plan to deploy the virtual machines shown in the following table.

Name	Role
VM1	<ul style="list-style-type: none">• Storage Blob Data Reader for storage1• Key Vault Reader for Vault1
VM2	<ul style="list-style-type: none">• Storage Blob Data Reader for storage1• Key Vault Reader for Vault1
VM3	<ul style="list-style-type: none">• Storage Blob Data Reader for storage1• Key Vault Reader for Vault1• Key Vault Reader for Vault2
VM4	<ul style="list-style-type: none">• Storage Blob Data Reader for storage1• Key Vault Reader for Vault1• Key Vault Reader for Vault2

You need to assign managed identities to the virtual machines. The solution must meet the following requirements:

- Assign each virtual machine the required roles.
- Use the principle of least privilege.

What is the minimum number of managed identities required?

- A. 1
- B. 2
- C. 3

D. 4

Answer: B

Explanation:

We have two different sets of required permissions. VM1 and VM2 have the same permission requirements. VM3 and VM4 have the same permission requirements.

A user-assigned managed identity can be assigned to one or many resources. By using user-assigned managed identities, we can create just two managed identities: one with the permission requirements for VM1 and VM2 and the other with the permission requirements for VM3 and VM4.

Reference:

<https://docs.microsoft.com/en-us/azure/active-directory/managed-identities-azure-resources/overview>

NEW QUESTION 166

- (Exam Topic 4)

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

You need to configure diagnostic settings for contoso.com. The solution must meet the following requirements:

- Retain logs for two years.
- Query logs by using the Kusto query language
- Minimize administrative effort. Where should you store the logs?

A. an Azure Log Analytics workspace

B. an Azure event hub

C. an Azure Storage account

Answer: A

Explanation:

<https://docs.microsoft.com/en-us/azure/azure-monitor/log-query/get-started-queries>

NEW QUESTION 167

- (Exam Topic 4)

You have an Azure subscription that contains an Azure Sentinel workspace.

Azure Sentinel is configured to ingest logs from several Azure workloads. A third-party service management platform is used to manage incidents.

You need to identify which Azure Sentinel components to configure to meet the following requirements:

- When Azure Sentinel identifies a threat, an incident must be created.
- A ticket must be logged in the service management platform when an incident is created in Azure Sentinel.

Which component should you identify for each requirement? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

When Azure Sentinel identifies a threat, an incident must be created:

<input type="checkbox"/> Analytics
<input type="checkbox"/> Data connectors
<input type="checkbox"/> Playbooks
<input type="checkbox"/> Workbooks

A ticket must be logged in the service management platform when an incident is created in Azure Sentinel:

<input type="checkbox"/> Analytics
<input type="checkbox"/> Data connectors
<input type="checkbox"/> Playbooks
<input type="checkbox"/> Workbooks

A. Mastered

B. Not Mastered

Answer: A

Explanation:

Reference:

<https://docs.microsoft.com/en-us/azure/sentinel/create-incidents-from-alerts> <https://docs.microsoft.com/en-us/azure/sentinel/tutorial-respond-threats-playbook>

NEW QUESTION 171

- (Exam Topic 4) You have an Azure subscription. You plan to create a storage account.

You need to use customer-managed keys to encrypt the tables in the storage account.

From Azure Cloud Shell, which three cmdlets should you run in sequence? To answer, move the appropriate cmdlets from the list of cmdlets to the answer area and arrange them in the correct order.

Cmdlets

Answer Area

New-AzStorageAccountKey
New-AzStorageTable
Register-AzProviderFeature
New-AzStorageAccount
Register-AzResourceProvider



- A. Mastered
B. Not Mastered

Answer: A

Explanation:

Text, table Description automatically generated with medium confidence

Reference:

<https://docs.microsoft.com/en-us/azure/storage/common/customer-managed-keys-configure-key-vault?tabs=pow>

NEW QUESTION 176

- (Exam Topic 4)

You have an Azure subscription named Sub1.

You create a virtual network that contains one subnet. On the subnet, you provision the virtual machines shown in the following table.

Name	Network interface	Application security group assignment	IP address
VM1	NIC1	AppGroup12	10.0.0.10
VM2	NIC2	AppGroup12	10.0.0.11
VM3	NIC3	AppGroup3	10.0.0.100
VM4	NIC4	AppGroup4	10.0.0.200

Currently, you have not provisioned any network security groups (NSGs). You need to implement network security to meet the following requirements:

- Allow traffic to VM4 from VM3 only.
- Allow traffic from the Internet to VM1 and VM2 only.
- Minimize the number of NSGs and network security rules.

How many NSGs and network security rules should you create? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

NSGs:

1
2
3
4

Network security rules:

1
2
3
4

- A. Mastered
B. Not Mastered

Answer: A

Explanation:

NSGs: 1

Network security rules: 3

Not 2: You cannot specify multiple service tags or application groups) in a security rule. References:

<https://docs.microsoft.com/en-us/azure/virtual-network/security-overview>

NEW QUESTION 180

- (Exam Topic 4)

You have an Azure subscription that contains an Azure Files share named share1 and a user named User1. Identity-based authentication is configured for share1. User1 attempts to access share1 from a Windows 10 device by using SMB. Which type of token will Azure Files use to authorize the request?

- A. OAuth 20
- B. JSON Web Token (JWT)
- C. Kerberos
- D. SAML

Answer: C

Explanation:

<https://learn.microsoft.com/en-us/azure/storage/files/storage-files-identity-auth-active-directory-domain-service>

NEW QUESTION 183

- (Exam Topic 4)

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

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

You have an Azure Subscription named Sub1. Sub1 contains an Azure virtual machine named VM1 that runs Windows Server 2016.

You need to encrypt VM1 disks by using Azure Disk Encryption.

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

- Configure secrets for the Azure key vault.
- Create an Azure key vault.
- Run Set-AzureRmStorageAccount.
- Configure access policies for the Azure key vault.
- Run Set-AzureRmVmDiskEncryptionExtension.

Answer Area

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

References:

<https://docs.microsoft.com/en-us/azure/virtual-machines/windows/encrypt-disks>

NEW QUESTION 185

- (Exam Topic 4)

You create resources in an Azure subscription as shown in the following table.

Name	Type	Region
RG1	Resource group	West Europe
VNET1	Azure virtual network	West Europe
Contoso1901	Azure Storage account	West Europe

VNET1 contains two subnets named Subnet1 and Subnet2. Subnet1 has a network ID of 10.0.0.0/24. Subnet2 has a network ID of 10.1.1.0/24. Contoso1901 is configured as shown in the exhibit. (Click the Exhibit tab.)

```
PS C:\> (Get-AzStorageAccount -ResourceGroupName RG1 -Name contoso1901).NetworkRuleSet
ByPass          : Logging, Metrics
DefaultAction   : Deny
IpRules         : [193.77.0.0/16,...]
VirtualNetworkRules : [/subscriptions/a90c8c8f-d8bc-4112-abfb-
dac4906573dd/resourceGroups/RG1/providers/Microsoft.Network/
virtualNetworks/VNET1/subnets/Subnet1,...]

PS C:\> (Get-AzStorageAccount -ResourceGroupName RG1 -Name contoso1901).NetworkRuleSet.
IpRules
Action IPAddressOrRange
-----
Allow 193.77.0.0/16

PS C:\> (Get-AzStorageAccount -ResourceGroupName RG1 -Name contoso1901).NetworkRules
Action VirtualNetworkResourceId
-----
Allow /subscriptions/a90c8c8f-d8bc-4112-abfb dac4906573dd/resourceGroups/
RG1/providers/Microsoft.Network/virtualNetworks/VNET1/subnets/Subnet1 State
----- Succeeded
PS C:\>
```

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
An Azure virtual machine on Subnet1 can access data in Contoso1901.	<input type="radio"/>	<input type="radio"/>
An Azure virtual machine on Subnet2 can access data in Contoso1901.	<input type="radio"/>	<input type="radio"/>
A computer on the Internet that has an IP address of 193.77.10.2 can access data in Contoso1901.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
B. Not Mastered

Answer: A

Explanation:

Box 1: Yes
Access from Subnet1 is allowed. Box 2: No
No access from Subnet2 is allowed. Box 3: Yes
Access from IP address 193.77.10.2 is allowed.

NEW QUESTION 187

- (Exam Topic 4)

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

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

You use Azure Security Center for the centralized policy management of three Azure subscriptions. You use several policy definitions to manage the security of the subscriptions.

You need to deploy the policy definitions as a group to all three subscriptions.

Solution: You create a policy initiative and assignments that are scoped to resource groups. Does this meet the goal?

- A. Yes
B. No

Answer: B

Explanation:

Instead use a management group.

Management groups in Microsoft Azure solve the problem of needing to impose governance policy on more than one Azure subscription simultaneously.

Reference:

<https://4sysops.com/archives/apply-governance-policy-to-multiple-azure-subscriptions-with-managementgroups>

NEW QUESTION 188

- (Exam Topic 4)

You have an Azure subscription named Subscription1 that contains a resource group named RG1 and a user named User1. User1 is assigned the Owner role for RG1.

You create an Azure Blueprints definition named Blueprint1 that includes a resource group named RG2 as shown in the following exhibit.

Edit blueprint

Basics Artifacts

Add artifacts to the blueprint. Add resource groups to organize where the artifacts should be deployed and assigned.

NAME	ARTIFACT TYPE	PARAMETERS
Subscription		
RG2	Resource group	2 out of 2 parameters populated
User1 (User1@sk200628outlookonmicrosoft.com) : Tag Contributor	Role assignment	1 out of 1 parameters populated

You assign Blueprint1 to Subscription1 by using the following settings:

➤ Lock assignment: Read Only

➤ Managed Identity: System assigned

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

A locking mode of Read Only will be assigned to RG1.

User1 can add tags to RG2.

You can remove User1 from the Tag Contributor role for RG2.

- A. Mastered
B. Not Mastered

Answer: A

Explanation:

Graphical user interface, text, application Description automatically generated

Reference:

<https://docs.microsoft.com/en-us/azure/governance/blueprints/concepts/resource-locking>

NEW QUESTION 189

- (Exam Topic 4)

You have the Azure virtual machines shown in the following table.

Name	Location	Connected to
VM1	West US 2	VNET1/Subnet1
VM2	West US 2	VNET1/Subnet1
VM3	West US 2	VNET1/Subnet2
VM4	East US	VNET2/Subnet3
VM5	West US 2	VNET5/Subnet5

Each virtual machine has a single network interface.

You add the network interface of VM1 to an application security group named ASG1.

You need to identify the network interfaces of which virtual machines you can add to ASG1. What should you identify?

- A. VM2 only
B. VM2, VM3, VM4, and VM5
C. VM2, VM3, and VM5 only
D. VM2 and VM3 only

Answer: D

Explanation:

Reference:

<https://docs.microsoft.com/en-us/azure/virtual-network/application-security-groups>

NEW QUESTION 194

- (Exam Topic 4)

You are configuring an Azure Kubernetes Service (AKS) cluster that will connect to an Azure Container Registry.

You need to use the auto-generated service principal to authenticate to the Azure Container Registry. What should you create?

- A. an Azure Active Directory (Azure AD) group
- B. an Azure Active Directory (Azure AD) role assignment
- C. an Azure Active Directory (Azure AD) user
- D. a secret in Azure Key Vault

Answer: B

Explanation:

When you create an AKS cluster, Azure also creates a service principal to support cluster operability with other Azure resources. You can use this auto-generated service principal for authentication with an ACR registry. To do so, you need to create an Azure AD role assignment that grants the cluster's service principal access to the container registry.

References:

<https://docs.microsoft.com/bs-latn-ba/azure/container-registry/container-registry-auth-aks>

NEW QUESTION 195

- (Exam Topic 4)

You have an Azure Kubernetes Service (AKS) cluster that will connect to an Azure Container Registry. You need to use automatically generated service principal for the AKS cluster to authenticate to the Azure Container Registry.

What should you create?

- A. a secret in Azure Key Vault
- B. a role assignment
- C. an Azure Active Directory (Azure AD) user
- D. an Azure Active Directory (Azure AD) group

Answer: B

Explanation:

References:

<https://docs.microsoft.com/en-us/azure/aks/kubernetes-service-principal>

NEW QUESTION 197

- (Exam Topic 4)

You have a Azure subscription that contains an Azure Container Registry named Registry1. The subscription uses the Standard use tier of Azure Security Center. You upload several container images to Registry1.

You discover that vulnerability security scans were not performed

You need to ensure that the images are scanned for vulnerabilities when they are uploaded to Registry1. What should you do?

- A. From the Azure portal modify the Pricing tier settings.
- B. From Azure CLI, lock the container images.
- C. Upload the container images by using AzCopy
- D. Push the container images to Registry1 by using Docker

Answer: A

Explanation:

Reference:

<https://charbelnemnom.com/scan-container-images-in-azure-container-registry-with-azure-security-center/>

NEW QUESTION 198

- (Exam Topic 4)

You have an Azure subscription that contains the resources shown in the following table.

Name	Type	Location	In resource group
RG1	Resource group	East US	<i>Not applicable</i>
RG2	Resource group	West US	<i>Not applicable</i>
RG3	Resource group	Central US	<i>Not applicable</i>
VNet1	Virtual network	Central US	RG2

VNet1 contains the subnets shown in the following table.

Name	Description
AzureFirewall	Contains no resources
AzureFirewallSubnet	Contains no resources
Subnet1	Contains a virtual machine
Subnet2	Contains no resources

You plan to use the Azure portal to deploy an Azure firewall named AzFW1 to VNet1.

Which resource group and subnet can you use to deploy AzFW1? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Resource group: RG2

RG1

RG2

RG3

Subnet: AzureFirewallSubnet only

AzureFirewall only

AzureFirewallSubnet only

AzureFirewall or AzureFirewallSubnet only

AzureFirewall, AzureFirewallSubnet, or Subnet2 only

AzureFirewall, AzureFirewallSubnet, Subnet1, or Subnet2

- A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

Resource group: RG2

RG1

RG2

RG3

Subnet: AzureFirewallSubnet only

AzureFirewall only

AzureFirewallSubnet only

AzureFirewall or AzureFirewallSubnet only

AzureFirewall, AzureFirewallSubnet, or Subnet2 only

AzureFirewall, AzureFirewallSubnet, Subnet1, or Subnet2

NEW QUESTION 199

- (Exam Topic 4)

You have an Azure subscription named Sub1 that contains the virtual machines shown in the following table.

Name	Resource group
VM1	RG1
VM2	RG2
VM3	RG1
VM4	RG2

You need to ensure that the virtual machines in RG1 have the Remote Desktop port closed until an authorized user requests access. What should you configure?

- A. Azure Active Directory (Azure AD) Privileged Identity Management (PIM)
B. an application security group
C. Azure Active Directory (Azure AD) conditional access
D. just in time (JIT) VM access

Answer: D

Explanation:

Just-in-time (JIT) virtual machine (VM) access can be used to lock down inbound traffic to your Azure VMs, reducing exposure to attacks while providing easy access to connect to VMs when needed.

Note: When just-in-time is enabled, Security Center locks down inbound traffic to your Azure VMs by creating an NSG rule. You select the ports on the VM to which inbound traffic will be locked down. These ports are controlled by the just-in-time solution.

When a user requests access to a VM, Security Center checks that the user has Role-Based Access Control (RBAC) permissions that permit them to successfully request access to a VM. If the request is approved, Security Center automatically configures the Network Security Groups (NSGs) and Azure Firewall to allow inbound traffic to the selected ports and requested source IP addresses or ranges, for the amount of time that was specified. After the time has expired, Security Center restores the NSGs to their previous states. Those connections that are already established are not being interrupted, however.

Reference:

<https://docs.microsoft.com/en-us/azure/security-center/security-center-just-in-time>

NEW QUESTION 203

- (Exam Topic 4)

You have 10 virtual machines on a single subnet that has a single network security group (NSG). You need to log the network traffic to an Azure Storage account. Which two actions should you perform? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

- A. Install the Network Performance Monitor solution.
- B. Enable Azure Network Watcher.
- C. Enable diagnostic logging for the NSG.
- D. Enable NSG flow logs.
- E. Create an Azure Log Analytics workspace.

Answer: D

Explanation:

A network security group (NSG) enables you to filter inbound traffic to, and outbound traffic from, a virtual machine (VM). You can log network traffic that flows through an NSG with Network Watcher's NSG flow log capability. Steps include:

- Create a VM with a network security group
- Enable Network Watcher and register the Microsoft.Insights provider
- Enable a traffic flow log for an NSG, using Network Watcher's NSG flow log capability
- Download logged data
- View logged data Reference:

<https://docs.microsoft.com/en-us/azure/network-watcher/network-watcher-nsg-flow-logging-portal>

NEW QUESTION 204

- (Exam Topic 4)

You have an Azure key vault named KeyVault1 that contains the items shown in the following table.

Name	Type
Item1	Key
Item2	Secret
Policy1	Access policy

In KeyVault, the following events occur in sequence:

- Item1 is deleted
- Administrator enables soft delete
- Item2 and Policy1 are deleted.

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 recover Policy1.	<input type="radio"/>	<input type="radio"/>
You can add a new key named Item1.	<input type="radio"/>	<input type="radio"/>
You can add a new secret named Item2.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

NO. Policies cannot be recovered YES, Item1 is permanently deleted

NO, You cannot use the same name cause Item2 is in Soft-deleted status <https://docs.microsoft.com/en-us/azure/key-vault/general/soft-delete-overview>

NEW QUESTION 207

- (Exam Topic 4)

You have an Azure subscription that contains the alerts shown in the following exhibit.

All Alerts

X

[New alert rule](#) [Edit columns](#) [Manage alert rules](#) [View classic alerts](#) [Refresh](#) [Change state](#)

Don't see a subscription? [Open Directory + Subscription settings](#)

* Subscription Azure Pass - Sponsorship	Resource group Type to start filtering...	Resource type Selected	Resource Type to start filtering...	Time range Past hour
Monitor service 15 selected	Monitor condition 2 selected	Severity Sev 4	Alert state 3 selected	Smart group id Smart group id

[All Alerts](#) [Alerts By Smart Group \(Preview\)](#)

Search by name (case-insensitive)

Name	Severity	Monitor C...	Alert State	Affect...	Monitor Serv...	Signal Type	Fired Time	SU...
Alert1	Sev4	⚠ Fired	New		ActivityLog Ad...	Log	6/6/2019, 11:23:53 ...	Azure ...
Alert1	Sev4	⚠ Fired	Acknowledged		ActivityLog Ad...	Log	6/6/2019, 11:23:52 ...	Azure ...
Alert2	Sev4	⚠ Fired	Acknowledged		ActivityLog Ad...	Log	6/6/2019, 11:23:25 ...	Azure ...
Alert2	Sev4	⚠ Fired	Closed		ActivityLog Ad...	Log	6/6/2019, 11:23:24 ...	Azure ...

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 state of Alert1 that was fired at 11:23:52

▼

cannot be changed
 can be changed to Closed only
 can be changed to New only
 can be changed to New or Closed

The state of Alert2 that was fired at 11:23:24

▼

cannot be changed
 can be changed to Acknowledged only
 can be changed to New only
 can be changed to New or Acknowledged

- A. Mastered
 B. Not Mastered

Answer: A

Explanation:

References:

<https://docs.microsoft.com/en-us/azure/azure-monitor/platform/alerts-overview>

NEW QUESTION 211

- (Exam Topic 4)

You have an Azure AD tenant that contains the users shown in the following table.

Name	User device
User1	Android mobile device with facial recognition
User2	Windows device with Windows Hello for Business-compatible hardware

You enable passwordless authentication for the tenant.

Which authentication method can each user use for passwordless authentication? To answer, drag the appropriate authentication methods to the correct users.

Each authentication method 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.

Authentication methods

- FIDO2 security key only
- Microsoft Authenticator app only
- Windows Hello for Business only
- Microsoft Authenticator app and Windows Hello for Business only
- Windows Hello for Business and FIDO2 security key only
- Microsoft Authenticator app, Windows Hello for Business, and FIDO2 security key

Answer Area

User1: Authentication method

User2: Authentication method

- A. Mastered
B. Not Mastered

Answer: A

Explanation:

Authentication methods

- FIDO2 security key only
- Microsoft Authenticator app only
- Windows Hello for Business only
- Microsoft Authenticator app and Windows Hello for Business only
- Windows Hello for Business and FIDO2 security key only
- Microsoft Authenticator app, Windows Hello for Business, and FIDO2 security key

Answer Area

User1: Microsoft Authenticator app only

User2: Windows Hello for Business only

NEW QUESTION 214

- (Exam Topic 4)

You plan to use Azure Sentinel to create an analytic rule that will detect suspicious threats and automate responses.

Which components are required for the rule? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Detect suspicious threats:

- A Kusto query language query
- A Transact-SQL query
- An Azure PowerShell query
- An Azure Sentinel playbook

Automate responses:

- An Azure Functions app
- An Azure PowerShell script
- An Azure Sentinel playbook
- An Azure Sentinel workbook

- A. Mastered
B. Not Mastered

Answer: A

Explanation:

Reference:

<https://docs.microsoft.com/en-us/azure/sentinel/tutorial-detect-threats-custom> <https://docs.microsoft.com/en-us/azure/sentinel/tutorial-respond-threats-playbook>

NEW QUESTION 218

- (Exam Topic 4)

You have an Azure subscription named Subscription1 that contains a resource group named RG1 and the users shown in the following table.

Name	User principal name (UPN)	Type
User1	User1@outlook.com	Guest
User2	User2@outlook.com	Guest

You perform the following tasks:

- Assign User1 the Network Contributor role for Subscription1.
- Assign User2 the Contributor role for RG1.

To Subscription1 and RG1, you assign the following policy definition: External accounts with write permissions should be removed from your subscription. What is the Compliance State of the policy assignments?

- A. The Compliance State of both policy assignments is Non-compliant.
- B. The Compliance State of the policy assignment to Subscription1 is Compliant, and the Compliance State of the policy assignment to RG1 is Non-compliant.
- C. The Compliance State of the policy assignment to Subscription1 is Non-compliant, and the Compliance State of the policy assignment to RG1 is Compliant.
- D. The Compliance State of both policy assignments is Compliant.

Answer: A

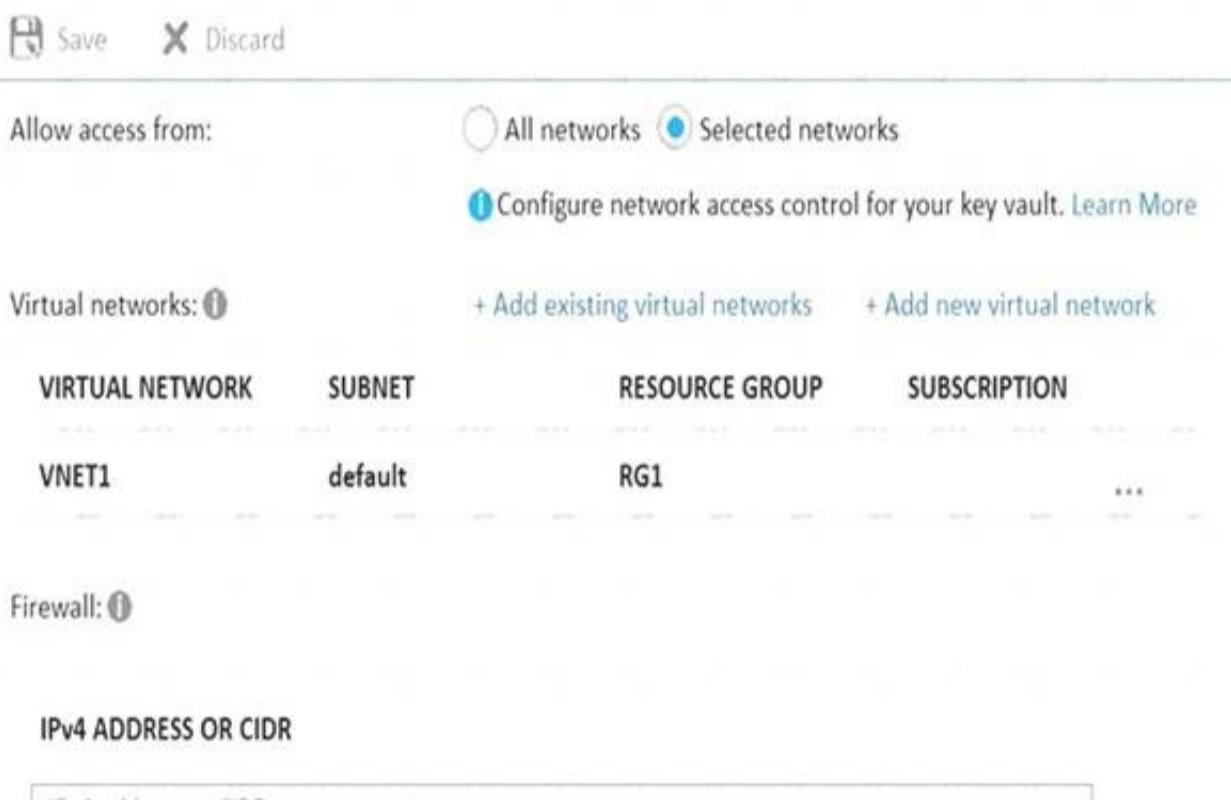
NEW QUESTION 219

- (Exam Topic 4)

You have an Azure subscription that contains an Azure key vault named KeyVault1 and the virtual machines shown in the following table.

Name	Private IP address	Public IP address	Connected to
VM1	10.7.0.4	51.144.245.152	VNET1/Default
VM2	10.8.0.4	104.45.9.227	VNET2/Default

You set the Key Vault access policy to Enable access to Azure Disk Encryption for volume encryption. KeyVault1 is configured as shown in the following exhibit.



The screenshot shows the 'Access policies' section of the Key Vault configuration. It includes fields for 'Allow access from:' (set to 'Selected networks'), 'Virtual networks:', and 'Firewall'. Below these are sections for 'IPv4 ADDRESS OR CIDR' and 'Exception' settings.

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
From VM1, users can manage the keys and secrets stored in KeyVault1.	<input type="radio"/>	<input type="radio"/>
From VM2, users can manage the keys and secrets stored in KeyVault1.	<input type="radio"/>	<input type="radio"/>
VM2 can use KeyVault for Azure Disk Encryption	<input type="radio"/>	<input type="radio"/>

- A. Mastered
B. Not Mastered

Answer: A

Explanation:

Statements	Yes	No
From VM1, users can manage the keys and secrets stored in KeyVault1.	<input checked="" type="checkbox"/>	<input type="radio"/>
From VM2, users can manage the keys and secrets stored in KeyVault1.	<input checked="" type="checkbox"/>	<input type="radio"/>
VM2 can use KeyVault for Azure Disk Encryption	<input checked="" type="checkbox"/>	<input type="radio"/>

NEW QUESTION 220

- (Exam Topic 4)

You have been tasked with applying conditional access policies for your company's current Azure Active Directory (Azure AD). The process involves assessing the risk events and risk levels.

Which of the following is the risk level that should be configured for users that have leaked credentials?

- A. None
B. Low
C. Medium
D. High

Answer: D

Explanation:

These six types of events are categorized in to 3 levels of risks – High, Medium & Low:

Table Description automatically generated

Sign-in Activity	Risk Level
Users with leaked credentials	High
Sign-ins from anonymous IP addresses	Medium
Impossible travel to atypical locations	Medium
Sign-ins from infected devices	Medium
Sign-ins from IP addresses with suspicious activity	Low
Sign-ins from unfamiliar locations	Medium

Reference:

<http://www.rebeladmin.com/2018/09/step-step-guide-configure-risk-based-azure-conditional-access-policies/>

NEW QUESTION 223

- (Exam Topic 4)

You have an Azure Active Directory (Azure AD) tenant.

You need to prevent nonprivileged Azure AD users from creating service principals in Azure AD. What should you do in the Azure Active Directory admin center of the tenant?

- A. From the Properties Wade, set Enable Security defaults to Yes.
- B. From the Properties blade, set Access management fen Azure resources to No
- C. From the User settings blade, set Users can register applications to No
- D. From the User settings blade, set Restrict access to Azure AD administration portal to Yes.

Answer: C

NEW QUESTION 228

- (Exam Topic 4)

You have an Azure subscription that contains several Azure SQL databases and an Azure Sentinel workspace.

You need to create a saved query in the workspace to find events reported by Advanced Threat Protection for Azure SQL Database.

What should you do?

- A. From Azure CLI run the Get-AzOperationalInsightsworkspace cmdlet.
- B. From the Azure SQL Database query editor, create a Transact-SQL query.
- C. From the Azure Sentinel workspace, create a Kusto Query Language query.
- D. From Microsoft SQL Server Management Studio (SSMS), create a Transact-SQL query.

Answer: C

NEW QUESTION 231

- (Exam Topic 4)

You have a management group named MG1 that contains an Azure subscription and a resource group named RG1. RG1 contains a virtual machine named VM1.

You have the custom Azure roles shown in the following table.

Name	Scoped to
Role1	MG1
Role2	RG1

The permissions for Role1 are shown in the following role definition file.

```
"permissions": [
  {
    "actions": [
      "Microsoft.Compute/virtualMachines/*"
    ],
    "notActions": [
      "Microsoft.Compute/virtualMachines/delete"
    ],
    "dataActions": [],
    "notDataActions": []
  }
]
```

The permissions for Role2 are shown in the following role definition file.

```
"permissions": [
  {
    "actions": [
      "Microsoft.Compute/virtualMachines/*"
    ],
    "notActions": [],
    "dataActions": [],
    "notDataActions": []
  }
]
```

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

Name	Role
User1	Role1
User2	Role1, Role2
User3	Role2

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

Answer Area

Statements	Yes	No
User1 can delete VM1.	<input type="radio"/>	<input type="radio"/>
User2 can delete VM1.	<input type="radio"/>	<input type="radio"/>
User3 can delete VM1.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:**Answer Area**

Statements	Yes	No
User1 can delete VM1.	<input checked="" type="radio"/>	<input type="radio"/>
User2 can delete VM1.	<input type="radio"/>	<input checked="" type="radio"/>
User3 can delete VM1.	<input checked="" type="radio"/>	<input type="radio"/>

NEW QUESTION 235

- (Exam Topic 4)

You have an Azure subscription that contains the resources shown in the following table.

Name	Type	Description
RG1	Resource group	Used to store virtual machines
RG2	Resource group	Used to store virtual networks
ServerAdmins	Security group	Used to manage virtual machines

You need to ensure that ServerAdmins can perform the following tasks:

- Create virtual machines in RG1 only.
- Connect the virtual machines to the existing virtual networks in RG2 only.

The solution must use the principle of least privilege.

Which two role-based access control (RBAC) roles should you assign to ServerAdmins? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. a custom RBAC role for RG2
- B. the Network Contributor role for RG2
- C. the Contributor role for the subscription
- D. a custom RBAC role for the subscription
- E. the Network Contributor role for RG1
- F. the Virtual Machine Contributor role for RG1

Answer: AF**Explanation:**

Reference:

<https://docs.microsoft.com/en-us/azure/role-based-access-control/built-in-roles>**NEW QUESTION 237**

- (Exam Topic 4)

You have an Azure Active Directory (Azure AD) tenant named contoso.com. The tenant contains the users shown in the following table.

Name	Role	Sign in frequency
User1	Password administrator	Sign in every work day
User2	Password administrator	Sign in bi-weekly
User3	Global administrator, Password administrator	Signs in every month

You configure an access review named Review1 as shown in the following exhibit.

Create an access review

Access reviews enable reviewers to attest to users' access.

* Review name: Review1

Description:

* Start date: 2019-03-01

Frequency: One time

* End date: 2019-03-20

Users

Scope: Everyone

* Review role membership: Password administrator

Reviewers

Reviewers Members(self)

User3 can perform Review1 for

User3 only
User1 and User2 only
User1, User2, and User3

If User2 fails to complete Review1 by March 20, 2019

The Password administrator role will be revoked from User2
User2 will retain the Password administrator role
User3 will receive a confirmation request

- A. Mastered
B. Not Mastered

Answer: A

Explanation:

Box 1: User3 only

Use the Members (self) option to have the users review their own role assignments. Box 2: User3 will receive a confirmation request

Use the Should reviewer not respond list to specify what happens for users that are not reviewed by the reviewer within the review period. This setting does not impact users who have been reviewed by the reviewers manually. If the final reviewer's decision is Deny, then the user's access will be removed.

No change - Leave user's access unchanged Remove access - Remove user's access Approve access - Approve user's access

Take recommendations - Take the system's recommendation on denying or approving the user's continued access

References:

<https://docs.microsoft.com/en-us/bs-latn-ba/azure/active-directory/privileged-identity-management/pim-how-to-start-s>

NEW QUESTION 242

- (Exam Topic 4)

You have an Azure subscription that contains a web app named App1. App1 provides users with product images and videos. Users access App1 by using a URL of <HTTPS://appl.contoso.com>. You deploy two server pools named Pool1 and Pool2. Pool1 hosts product images. Pool2 hosts product videos. You need to optimize the performance of App1. The solution must meet the following requirements:

- Minimize the performance impact of TLS connections on Pool1 and Pool2.
- Route user requests to the server pools based on the requested URL path. What should you include in the solution?

- A. Azure Traffic Manager
- B. Azure Bastion
- C. Azure Application Gateway
- D. Azure Front Door

Answer: C

NEW QUESTION 243

- (Exam Topic 4)

You have an Azure subscription that contains the Azure Log Analytics workspaces shown in the following table.

Name	Location	Description
Workspace1	East US	Used by Azure Sentinel
Workspace2	West US	Not applicable

You create the virtual machines shown in the following table.

Name	Location	Operating system	Connected to
VM1	East US	Windows Server 2019	None
VM2	East US	Windows Server 2019	Workspace2
VM3	West US	Windows Server 2019	None
VM4	West US	Windows Server 2019	Workspace2

You plan to use Azure Sentinel to monitor Windows Defender Firewall on the virtual machines. Which virtual machines you can connect to Azure Sentinel?

- A. VM1 and VM3 only
- B. VM1 Only
- C. VM1 and VM2 only
- D. VM1, VM2, VM3 and VM4

Answer: D

Explanation:

Reference:

<https://docs.microsoft.com/en-us/azure/sentinel/connect-windows-firewall>

NEW QUESTION 248

- (Exam Topic 4)

You have an Azure subscription that contains 100 virtual machines. Azure Diagnostics is enabled on all the virtual machines.

You are planning the monitoring of Azure services in the subscription. You need to retrieve the following details:

- Identify the user who deleted a virtual machine three weeks ago.
- Query the security events of a virtual machine that runs Windows Server 2016.

What should you use in Azure Monitor? To answer, drag the appropriate configuration settings to the correct details. Each configuration setting 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.

Settings	Answer Area
<input type="checkbox"/> Activity log	
<input type="checkbox"/> Logs	Identify the user who deleted a virtual machine three weeks ago: <input type="text"/>
<input type="checkbox"/> Metrics	Query the security events of a virtual machine that runs Windows Server 2016: <input type="text"/>
<input type="checkbox"/> Service Health	

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box1: Activity log

Azure activity logs provide insight into the operations that were performed on resources in your subscription. Activity logs were previously known as “audit logs” or “operational logs,” because they report control-plane events for your subscriptions.

Activity logs help you determine the “what, who, and when” for write operations (that is, PUT, POST, or DELETE).

Box 2: Logs

Log Integration collects Azure diagnostics from your Windows virtual machines, Azure activity logs, Azure Security Center alerts, and Azure resource provider logs. This integration provides a unified dashboard for all your assets, whether they’re on-premises or in the cloud, so that you can aggregate, correlate, analyze, and alert for security events.

References:

<https://docs.microsoft.com/en-us/azure/security/azure-log-audit>

NEW QUESTION 249

- (Exam Topic 4)

Your company recently created an Azure subscription.

You have been tasked with making sure that a specified user is able to implement Azure AD Privileged Identity Management (PIM).

Which of the following is the role you should assign to the user?

- A. The Global administrator role.
- B. The Security administrator role.
- C. The Password administrator role.
- D. The Compliance administrator role.

Answer: A

Explanation:

To start using PIM in your directory, you must first enable PIM.

* 1. Sign in to the Azure portal as a Global Administrator of your directory.

You must be a Global Administrator with an organizational account (for example, @yourdomain.com), not a Microsoft account (for example, @outlook.com), to enable PIM for a directory.

Scenario: Technical requirements include: Enable Azure AD Privileged Identity Management (PIM) for contoso.com

Reference:

<https://docs.microsoft.com/bs-latn-ba/azure/active-directory/privileged-identity-management/pim-getting-started>

NEW QUESTION 252

- (Exam Topic 4)

You have an Azure subscription.

You create a new virtual network named VNet1.

You plan to deploy an Azure web app named App1 that will use VNet1 and will be reachable by using private IP addresses. The solution must support inbound and outbound network traffic.

What should you do?

- A. Create an Azure App Service Hybrid Connection.
- B. Configure regional virtual network integration.
- C. Create an App Service Environment
- D. Create an Azure application gateway.

Answer: D

NEW QUESTION 253

- (Exam Topic 4)

Your company plans to create separate subscriptions for each department. Each subscription will be associated to the same Azure Active Directory (Azure AD) tenant.

You need to configure each subscription to have the same role assignments. What should you use?

- A. Azure Security Center
- B. Azure Policy
- C. Azure AD Privileged Identity Management (PIM)
- D. Azure Blueprints

Answer: D

Explanation:

Just as a blueprint allows an engineer or an architect to sketch a project's design parameters, Azure Blueprints enables cloud architects and central information technology groups to define a repeatable set of

Azure resources that implements and adheres to an organization's standards, patterns, and requirements.

Blueprints are a declarative way to orchestrate the deployment of various resource templates and other artifacts such as:

- Role Assignments
- Policy Assignments
- Azure Resource Manager templates
- Resource Groups

Reference:

<https://docs.microsoft.com/en-us/azure/governance/blueprints/overview>

NEW QUESTION 255

- (Exam Topic 4)

You have an Azure subscription that contains an Azure SQL database named SQL1 and an Azure key vault named KeyVault1. KeyVault1 stores the keys shown in the following table.

Name	Type	RSA key size	Elliptic curve name
Key1	RSA	2048	Not applicable
Key2	RSA	3072	Not applicable
Key3	RSA	4096	Not applicable
Key4	EC	Not applicable	P-512

You need to configure Transparent Data Encryption (TDE). TDE will use a customer-managed key for SQL1?

- A. Key1, Key2, Key3, and Key4
- B. Key1 only
- C. Key2 only
- D. Key1 and key2 only
- E. Key2 and Key3 only

Answer: E

NEW QUESTION 257

- (Exam Topic 4)

You have an Azure subscription that contains a blob container named cont1. Cont1 has the access policies shown in the following exhibit.

Save

Stored access policies

Identifier	Start time	Expiry time	Permissions
Policy1		r	***

+ Add policy

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

The maximum number of additional stored access policies that you can add to cont1 is [answer choice].



The maximum number of additional immutable blob storage policies that you can add to cont1 is [answer choice].



- A. Mastered
- B. Not Mastered

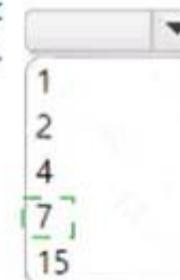
Answer: A

Explanation:

The maximum number of additional stored access policies that you can add to cont1 is [answer choice].



The maximum number of additional immutable blob storage policies that you can add to cont1 is [answer choice].



NEW QUESTION 262

- (Exam Topic 4)

You have an Azure subscription that contains an Azure Blob storage account blob1. You need to configure attribute-based access control (ABAC) for blob1. Which attributes can you use in access conditions?

- A. blob index tags only
- B. blob index tags and container names only
- C. file extensions and container names only
- D. blob index tags, file extensions, and container names

Answer: A

NEW QUESTION 265

- (Exam Topic 4)

You have an Azure subscription that contains the virtual machines shown in the following table.

Name	Azure region	Connected to	Associated network security group (NSG)
VM1	West US	VNET1/Subnet1	None
VM2	West US	VNET1/Subnet2	NSG2
VM3	Central US	VNET2/Subnet1	NSG3
VM4	West US	VNET3/Subnet1	NSG4

VNET1, VNET2, and VNET3 are peered with each other. You perform the following actions:

* Create two application security groups named ASG1 and ASG2 in the West US region.

* Add the network interface of VM1 to ASG1.

Answer Area

ASG1:

ASG2:

- A. Mastered
- B. Not Mastered

Answer: A**Explanation:**

Answer Area

ASG1: VM2, VM3, and VM4 only

ASG2: VM1, VM2, and VM4 only

NEW QUESTION 270

- (Exam Topic 4)

You have an Azure subscription. The subscription contains Azure virtual machines that run Windows Server 2016.

You need to implement a policy to ensure that each virtual machine has a custom antimalware virtual machine extension installed.

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

```
{
  "if" : {
    "allOf": [
      {
        "field" : "type",
        "equals": "Microsoft.Compute/virtualMachines"
      }
    ]
  },
  "then" : {
    "effect" : "Append",
    "details" : {
      "type" : "Microsoft.GuestConfiguration/guestConfigurationAssignments",
      "roleDefinitionIds" : [
        "/providers/microsoft.authorization/roleDefinitions/12345678-1234-5678-abcd-012345678910"
      ],
      "name" : "customExtension",
      "deployment" : {
        "properties" : {
          "mode": "incremental"
        },
        "parameters" : {
          "existenceCondition" : "exists"
        }
      }
    }
  }
}
```

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: DeployIfNotExists

DeployIfNotExists executes a template deployment when the condition is met. Box 2: Template

The details property of the DeployIfNotExists effects has all the subproperties that define the related resources to match and the template deployment to execute.

Deployment [required]

This property should include the full template deployment as it would be passed to the Microsoft.Resources/deployment

References:

<https://docs.microsoft.com/en-us/azure/governance/policy/concepts/effects>

NEW QUESTION 274

- (Exam Topic 4)

You have an Azure Subscription that is linked to an Azure Active Directory (Azure AD). The tenant contains the users shown in the following table.

Name	Role	Member of
User1	Security administrator	Group1
User2	Network Contributor	Group2
User3	Key Vault Contributor	Group1, Group2

You have an Azure key vault named Vault1 that has Purge protection set to Disabled. Vault1 contains the access policies shown in the following table.

Name	Key permission	Secret permission	Certificate permission
Group1	Purge	Purge	Purge
Group2	Select all	Select all	Select all

You create role assignments for Vault1 as shown in the following table.

Name	Role
User1	None
User2	Key Vault Reader
User3	User Access Administrator

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

NOTE: Each correct selection is worth one point.

Answer Area

Statements	Yes	No
User1 can set Purge protection to Enable for Vault1.	<input type="radio"/>	<input type="radio"/>
User2 can configure firewalls and virtual networks for Vault1.	<input type="radio"/>	<input type="radio"/>
User3 can add access policies to Vault1.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

Statements	Yes	No
User1 can set Purge protection to Enable for Vault1.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
User2 can configure firewalls and virtual networks for Vault1.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
User3 can add access policies to Vault1.	<input type="checkbox"/>	<input checked="" type="checkbox"/>

NEW QUESTION 275

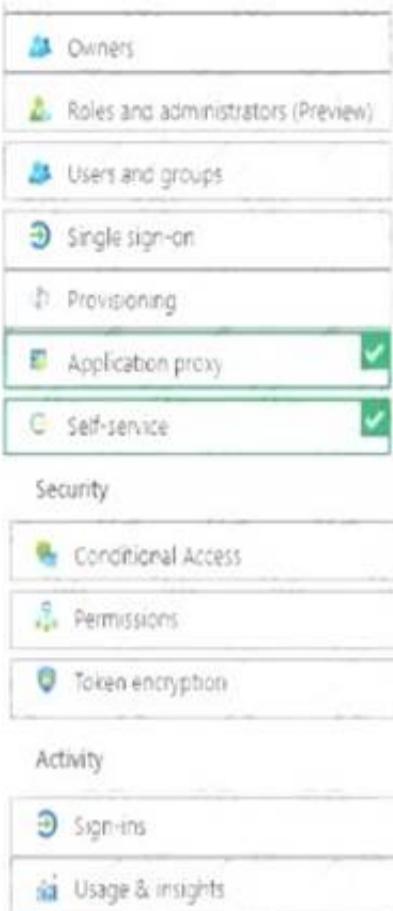
- (Exam Topic 4)

You have an Azure Active Directory (Azure AD) tenant that contains two users named User1 and User2 and a registered app named App1.

You create an app-specific role named Role1.

You need to assign Role1 to User1 and enable User2 to request access to App1.

Which two settings should you modify? To answer select the appropriate settings in the answer area NOTE: Each correct selection is worth one point.



- A. Mastered
B. Not Mastered

Answer: A

Explanation:

Graphical user interface, application Description automatically generated

NEW QUESTION 279

- (Exam Topic 4)

You create a new Azure subscription.

You need to ensure that you can create custom alert rules in Azure Security Center. Which two actions should you perform? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

- A. Onboard Azure Active Directory (Azure AD) Identity Protection.
B. Create an Azure Storage account.
C. Implement Azure Advisor recommendations.
D. Create an Azure Log Analytics workspace.
E. Upgrade the pricing tier of Security Center to Standard.

Answer: DE

Explanation:

D: You need write permission in the workspace that you select to store your custom alert. References:

<https://docs.microsoft.com/en-us/azure/security-center/security-center-custom-alert>

NEW QUESTION 282

- (Exam Topic 4)

You are evaluating the security of the network communication between the virtual machines in Sub2. For each of the following statements, select Yes if the statement is true. Otherwise, select No. NOTE: Each correct selection is worth one point.

Answer Area

Statements	Yes	No
From VM1, you can successfully ping the public IP address of VM2.	<input type="radio"/>	<input type="radio"/>
From VM1, you can successfully ping the private IP address of VM3.	<input type="radio"/>	<input type="radio"/>
From VM1, you can successfully ping the private IP address of VM5.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
B. Not Mastered

Answer: A

Explanation:

- Q1: No {} and it should not be allowed as only TCP 80 is allowed from the "Internet" service tag
Q2: Yes {} as it should be for VMs in the same local subnet pinging each other on private IP and no NSG configured
Q3: Yes {} VM5 is in subnet where 1st rule of NSG allows any traffic from any source to the destination}

NEW QUESTION 285

- (Exam Topic 3)

You plan to implement JIT VM access. Which virtual machines will be supported?

- A. VM1 and VM3 only
- B. VM1, VM2, VM3, and VM4
- C. VM2, VM3, and VM4 only
- D. VM1 only

Answer: A

NEW QUESTION 288

- (Exam Topic 3)

You need to encrypt storage1 to meet the technical requirements. Which key vaults can you use?

- A. KeyVault1 only
- B. KeyVault2 and KeyVault3 only
- C. KeyVault1 and KeyVault3 only
- D. KeyVault1, KeyVault2 and KeyVault3

Answer: B

Explanation:

The storage account and the key vault must be in the same region and in the same Azure Active Directory (Azure AD) tenant, but they can be in different subscriptions.

Storage1 is in the West US region. KeyVault1 is the only key vault in the same region. Reference:

<https://docs.microsoft.com/en-us/azure/storage/common/customer-managed-keys-overview>

NEW QUESTION 289

- (Exam Topic 2)

You need to ensure that User2 can implement PIM. What should you do first?

- A. Assign User2 the Global administrator role.
- B. Configure authentication methods for contoso.com.
- C. Configure the identity secure score for contoso.com.
- D. Enable multi-factor authentication (MFA) for User2.

Answer: D

Explanation:

To start using PIM in your directory, you must first enable PIM.

* 1. Sign in to the Azure portal as a Global Administrator of your directory.

You must be a Global Administrator with an organizational account (for example, @yourdomain.com), not a Microsoft account (for example, @outlook.com), to enable PIM for a directory.

Scenario: Technical requirements include: Enable Azure AD Privileged Identity Management (PIM) for contoso.com

References:

<https://docs.microsoft.com/bs-latn-ba/azure/active-directory/privileged-identity-management/pim-getting-started>

NEW QUESTION 290

- (Exam Topic 2)

What is the membership of Group1 and Group2? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

Group1:

No members
Only User2
Only User2 and User4
User1, User2, User3, and User4

Group2:

No members
Only User3
Only User1 and User3
User1, User2, User3, and User4

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: User1, User2, User3, User4

Contains "ON" is true for Montreal (User1), MONTREAL (User2), London (User 3), and Ontario (User4) as string and regex operations are not case sensitive.

Box 2: User1, User2, User3, User4 References:

<https://docs.microsoft.com/en-us/azure/active-directory/users-groups-roles/groups-dynamic-membership>

NEW QUESTION 295

- (Exam Topic 2)

You are evaluating the effect of the application security groups on the network communication between the virtual machines in Sub2.

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
------------	-----	----

From VM1, you can successfully ping the private IP address of VM4.

From VM2, you can successfully ping the private IP address of VM4.

From VM1, you can connect to the web server on VM4.

- A. Mastered
B. Not Mastered

Answer: A

Explanation:

Box 1: No. VM4 is in Subnet13 which has NSG3 attached to it.

VM1 is in ASG1. NSG3 would only allow ICMP pings from ASG2 but not ASG1. Only TCP traffic is allowed from ASG1.

NSG3 has the inbound security rules shown in the following table.

Priority	Port	Protocol	Source	Destination	Action
100	Any	TCP	ASG1	ASG1	Allow
150	Any	Any	ASG2	VirtualNetwork	Allow
200	Any	Any	Any	Any	Deny
65000	Any	Any	VirtualNetwork	VirtualNetwork	Allow
65001	Any	Any	AzureLoadBalancer	Any	Allow
65500	Any	Any	Any	Any	Deny

Box 2: Yes.

VM2 is in ASG2. Any protocol is allowed from ASG2 so ICMP ping would be allowed.

Box3. VM1 is in ASG1. TCP traffic is allowed from ASG1 so VM1 could connect to the web server as connections to the web server would be on ports TCP 80 or TCP 443.

NEW QUESTION 300

- (Exam Topic 1)

You need to configure SQLDB1 to meet the data and application requirements.

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

Actions	Answer Area
From the Azure portal, create an Azure AD administrator for LitwareSQLServer1.	
In SQLDB1, create contained database users.	
Connect to SQLDB1 by using Microsoft SQL Server Management Studio (SSMS).	
In Azure AD, create a system-assigned managed identity.	
In Azure AD, create a user-assigned managed identity.	

- A. Mastered
B. Not Mastered

Answer: A

Explanation:

From the Azure portal, create an Azure AD administrator for LitwareSQLServer1 Connect to SQLDB1 by using SSMS
In SQLDB1, create contained database users <https://www.youtube.com/watch?v=pEPyPsGEevw>

NEW QUESTION 304

- (Exam Topic 1)

You need to deploy AKS1 to meet the platform protection requirements.

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

NOTE: More than one order of answer choices is correct. You will receive credit for any of the correct orders you select.

Actions	Answer Area
Deploy an AKS cluster.	
Create a client application.	
Create a server application.	
Create an RBAC binding.	
Create a custom RBAC role.	

- A. Mastered
B. Not Mastered

Answer: A

Explanation:

Scenario: Azure AD users must be to authenticate to AKS1 by using their Azure AD credentials. Litewire plans to deploy AKS1, which is a managed AKS (Azure Kubernetes Services) cluster. Step 1: Create a server application

To provide Azure AD authentication for an AKS cluster, two Azure AD applications are created. The first application is a server component that provides user authentication.

Step 2: Create a client application

The second application is a client component that's used when you're prompted by the CLI for authentication. This client application uses the server application for the actual authentication of the credentials provided by the client.

Step 3: Deploy an AKS cluster.

Use the az group create command to create a resource group for the AKS cluster. Use the az aks create command to deploy the AKS cluster.

Step 4: Create an RBAC binding.

Before you use an Azure Active Directory account with an AKS cluster, you must create role-binding or cluster role-binding. Roles define the permissions to grant, and bindings apply them to desired users. These assignments can be applied to a given namespace, or across the entire cluster.

Reference:

<https://docs.microsoft.com/en-us/azure/aks/azure-ad-integration>

NEW QUESTION 306

- (Exam Topic 1)

You need to ensure that users can access VM0. The solution must meet the platform protection requirements. What should you do?

- A. Move VM0 to Subnet1.
- B. On Firewall, configure a network traffic filtering rule.
- C. Assign RT1 to AzureFirewallSubnet.
- D. On Firewall, configure a DNAT rule.

Answer: D

Explanation:

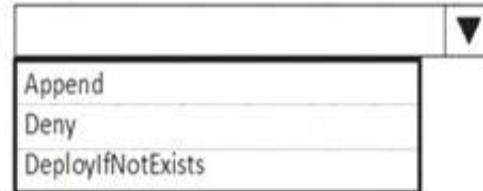
<https://docs.microsoft.com/en-us/azure/firewall/tutorial-firewall-dnat>

NEW QUESTION 308

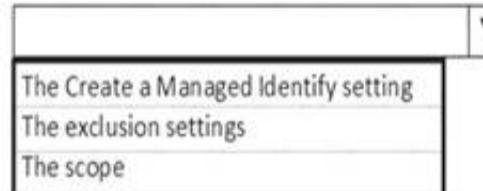
- (Exam Topic 1)

You need to deploy Microsoft Antimalware to meet the platform protection requirements. What should you do? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

Create a custom policy definition that has effect set to:



Create a policy assignment and modify:



- A. Mastered
- B. Not Mastered

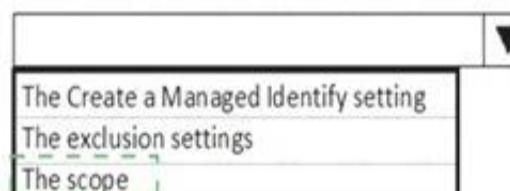
Answer: A

Explanation:

Create a custom policy definition that has effect set to:



Create a policy assignment and modify:



NEW QUESTION 312

.....

Thank You for Trying Our Product

We offer two products:

1st - We have Practice Tests Software with Actual Exam Questions

2nd - Questions and Answers in PDF Format

az-500 Practice Exam Features:

* az-500 Questions and Answers Updated Frequently

* az-500 Practice Questions Verified by Expert Senior Certified Staff

* az-500 Most Realistic Questions that Guarantee you a Pass on Your First Try

* az-500 Practice Test Questions in Multiple Choice Formats and Updates for 1 Year

**100% Actual & Verified — Instant Download, Please Click
[Order The az-500 Practice Test Here](#)**