Atmic Networks

CERTIFICATION EXAM SUPPORT

EXAM PREPARATION MATERIAL

Practice files designed to help you understand exam patterns, question styles and the overall assessment format.

IMPORTANT NOTE

> **Please note that these files may not be up to date. However, the questions will help you understand the exam format and typical question patterns.**

Stay connected with our support team
for the latest file updates and exam-related information.

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Knowledge that moves beyond memorization.

Question: 1

You need to meet the identity and access requirements for Group1.

What should you do?

A. Add a membership rule to Group1.

B. Delete Group1. Create a new group named Group1 that has a membership type of Office 365. Add users and devices to the group.

C. Modify the membership rule of Group1.

D. Change the membership type of Group1 to Assigned. Create two groups that have dynamic memberships. Add the new groups to Group1.

Answer:

Explanation:

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

Scenario:

Litware identifies the following identity and access requirements: All San Francisco users and their devices must be members of Group1.

The tenant currently contain this group:

Name	Type	Description
Group 1	Security group	A group that has the Dynamic User membership type, contains all the San Francisco users, and provides access to many Azure AD applications and Azure resources.

Reference:

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

https://docs.microsoft.com/en-us/azure/active-directory/fundamentals/active-directory-groups- create-azure-portal

Question: 2

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

Question: 3

You need to ensure that you can meet the security operations requirements.
What should you do first?

A. Turn on Auto Provisioning in Security Center.
B. Integrate Security Center and Microsoft Cloud App Security.
C. Upgrade the pricing tier of Security Center to Standard.
D. Modify the Security Center workspace configuration.

Answer: C

Explanation:

The Standard tier extends the capabilities of the Free tier to workloads running in private and other public clouds, providing unified security management and threat protection across your hybrid cloud workloads. The Standard tier also adds advanced threat detection capabilities, which uses built-in behavioral analytics and machine learning to identify attacks and zero-day exploits, access and application controls to reduce exposure to network attacks and malware, and more.

Scenario: Security Operations Requirements

Litware must be able to customize the operating system security configurations in Azure Security Center.

Reference:
https://docs.microsoft.com/en-us/azure/security-center/security-center-pricing

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Question: 4

You need to configure WebApp1 to meet the data and application requirements.
Which two actions should you perform? Each correct answer presents part of the solution.
NOTE: Each correct selection is worth one point.

A. Upload a public certificate.
B. Turn on the HTTPS Only protocol setting.
C. Set the Minimum TLS Version protocol setting to 1.2.
D. Change the pricing tier of the App Service plan.
E. Turn on the Incoming client certificates protocol setting.

Answer: B,E

Explanation:

Refer https://docs.microsoft.com/en-us/azure/app-service/app-service-web-configure-tls-mutual- auth

Question: 5

HOTSPOT

You need to create Role1 to meet the platform protection requirements.

How should you complete the role definition of Role1? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

```
{
    "Name": "Role1",
    "Id": "11111111-1111-1111-1111-111111111111",
    "IsCustom" : true,
    "Description": "VM storage operator"
    "Actions" : [
```

"Microsoft.Compute/	disks/*",
"Microsoft.Resources/	storageAccounts/*",
"Microsoft.Storage/	virtualMachines/disks/*",

```
        ],
    "NotActions": [
                  ],
    "AssignableScopes" : [
```

"/"
"/subscriptions/43894a43-17c2-4a39-8cfc-3540c2653ef4/resourceGroups/Resource Group1"
"/subscriptions/43894a43-17c2-4a39-8cfc-3540c2653ef4

```
                        ]
}
```

Answer:

Explanation:

1) Microsoft.Compute/
2) disks
3) /subscrption/{subscriptionId}/resourceGroups/{Resource Group Id}

A new custom RBAC role named Role1 must be used to delegate the administration of the managed disks in Resource Group1. Role1 must be available only for Resource Group1.

Question: 6

DRAG DROP

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.

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Actions

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.

Answer Area

Answer:

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

Question: 7

HOTSPOT

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:

Append
Deny
DeployIfNotExists

Create a policy assignment and modify:

The Create a Managed Identify setting
The exclusion settings
The scope

Answer:

Explanation:

1. DeployifNotExists
2. Scope

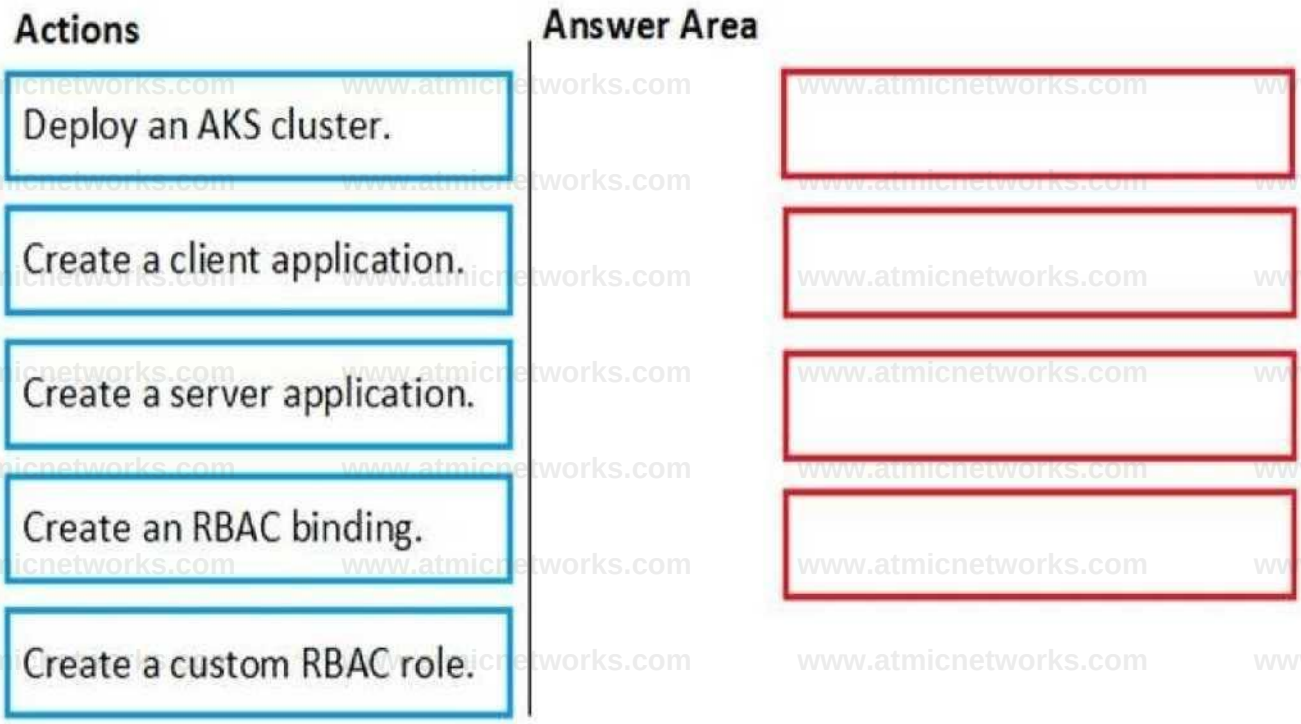
Question: 8

DRAG DROP

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

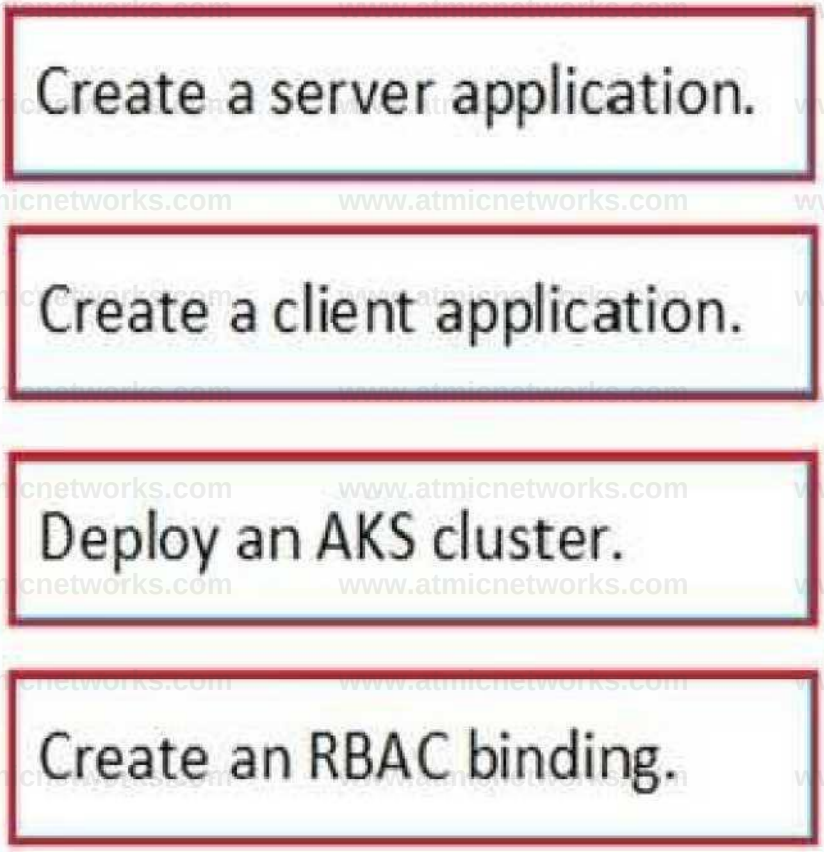
Which four actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

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



Answer:

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

Question: 9
HOTSPOT

You need to ensure that the Azure AD application registration and consent configurations meet the identity and access requirements.

What should you use in the Azure portal? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

To configure the registration settings: [▼]
- Azure AD – User settings
- Azure AD – App registrations settings
- Enterprise Applications – User settings

To configure the consent settings: [▼]
- Azure AD – User settings
- Azure AD – App registrations settings
- Enterprise Applications – User settings

Answer:

Explanation:

To configure the registration settings:

- Azure AD – User settings
- Azure AD – App registrations settings
- Enterprise Applications – User settings

To configure the consent settings:

- Azure AD – User settings
- Azure AD – App registrations settings
- Enterprise Applications – User settings

Reference:
https://docs.microsoft.com/en-us/azure/active-directory/manage-apps/configure-user-consent

Topic 2, Contoso

Overview

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Overview

Contoso, Ltd. is a consulting company that has a main office in Montreal and two branch offices in

Seattle and New York.

The company hosts its entire server infrastructure in Azure.

Contoso has two Azure subscriptions named Sub1 and Sub2. Both subscriptions are associated to an Azure Active Directory (Azure AD) tenant named contoso.com.

Technical requirements

Contoso identifies the following technical requirements:

Deploy Azure Firewall to VNetWork1 in Sub2.
Register an application named App2 in contoso.com.
Whenever possible, use the principle of least privilege.
Enable Azure AD Privileged Identity Management (PIM) for contoso.com

Existing Environment

Azure AD

Contoso.com contains the users shown in the following table.

Name	City	Role
User1	Montreal	Global administrator
User2	MONTREAL	Security administrator
User3	London	Privileged role administrator
User4	Ontario	Application administrator
User5	Seattle	Cloud application administrator
User6	Seattle	User administrator
User7	Sydney	Reports reader
User8	Sydney	*None*

Contoso.com contains the security groups shown in the following table.

Name	Membership type	Dynamic membership rule
Group1	Dynamic user	`user.city -contains "ON"`
Group2	Dynamic user	`user.city -match "*on"`

Sub1

Sub1 contains six resource groups named RG1, RG2, RG3, RG4, RG5, and RG6.

User2 creates the virtual networks shown in the following table.

Name	Resource group
VNET1	RG1
VNET2	RG2
VNET3	RG3
VNET4	RG4

Sub1 contains the locks shown in the following table.

Name	Set on	Lock type
Lock1	RG1	Delete
Lock2	RG2	Read-only
Lock3	RG3	Delete
Lock4	RG3	Read-only

Sub1 contains the Azure policies shown in the following table.

Policy definition	Resource type	Scope
Allowed resource types	networkSecurityGroups	RG4
Not allowed resource types	virtualNetworks/subnets	RG5
Not allowed resource types	networksSecurityGroups	RG5
Not allowed resource types	virtualNetworks/virtualNetworkPeerings	RG6

Sub2

Name	Subnet
VNetwork1	Subnet1.1, Subnet1.2 and Subent1.3
VNetwork2	Subnet2.1

Sub2 contains the virtual machines shown in the following table.

Name	Network inienace	Application security group	Connected to
VM1	NIC1	ASG1	Subnet1.1
VM2	NIC2	ASG2	Subnetl.1
VM3	NIC3	*None*	Subnet1.2
VM4	NIC4	ASG1	Subnet1.3
VM5	NIC5	*None*	Subnet2.1

All virtual machines have the public IP addresses and the Web Server (IIS) role installed. The firewalls for each virtual machine allow ping requests and web requests.

Sub2 contains the network security groups (NSGs) shown in the following table.

Name	Associated to
NSG1	NIC2
NSG2	Subnet! 1
NSG3	Subnet1.3
NSG4	Subnet2.1

NSG1 has the inbound security rules shown in the following table.

Priority	Port	Protocol	Source	Destination	Action
65000	Any	Any	VirtualNetwork	VirtualNetwork	Allow
65001	Any	Any	AzureLoadBalancer	Any	Allow
65500	Any	Any	Any	Any	Deny

NSG2 has the inbound security rules shown in the following table.

Priority	Port	Protocol	Source	Destination	Action
100	80	TCP	Internet	VirtualNetwork	Allow
65000	Any	Any	VirtualNetwork	VirtualNetwork	Allow
65001	Any	Any	AzureLoadBalancer	Any	Allow
65500	Any	Any	Any	Any	Deny

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

NSG4 has the inbound security rules shown in the following table.

Priority	Port	Protocol	Source	Destination	Action
100	Any	Any	Any	Any	Allow
65000	Any	Any	VirtualNetwork	VirtualNetwork	Allow
65001	Any	Any	AzureLoadBalancer	Any	Allow
65500	Any	Any	Any	Any	Deny

NSG1, NSG2, NSG3, and NSG4 have the outbound security rules shown in the following table.

Priority	Port	Protocol	Source	Destination	Action
65000	Any	Any	VirtualNetwork	VirtualNetwork	Allow
65001	Any	Any	Any	Internet	Allow
65500	Any	Any	Any	Any	Deny

Contoso identifies the following technical requirements:

Deploy Azure Firewall to VNetwork1 in Sub2.
Register an application named App2 in contoso.com.
Whenever possible, use the principle of least privilege.
Enable Azure AD Privileged Identity Management (PIM) for contoso.com.

Question: 10

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.

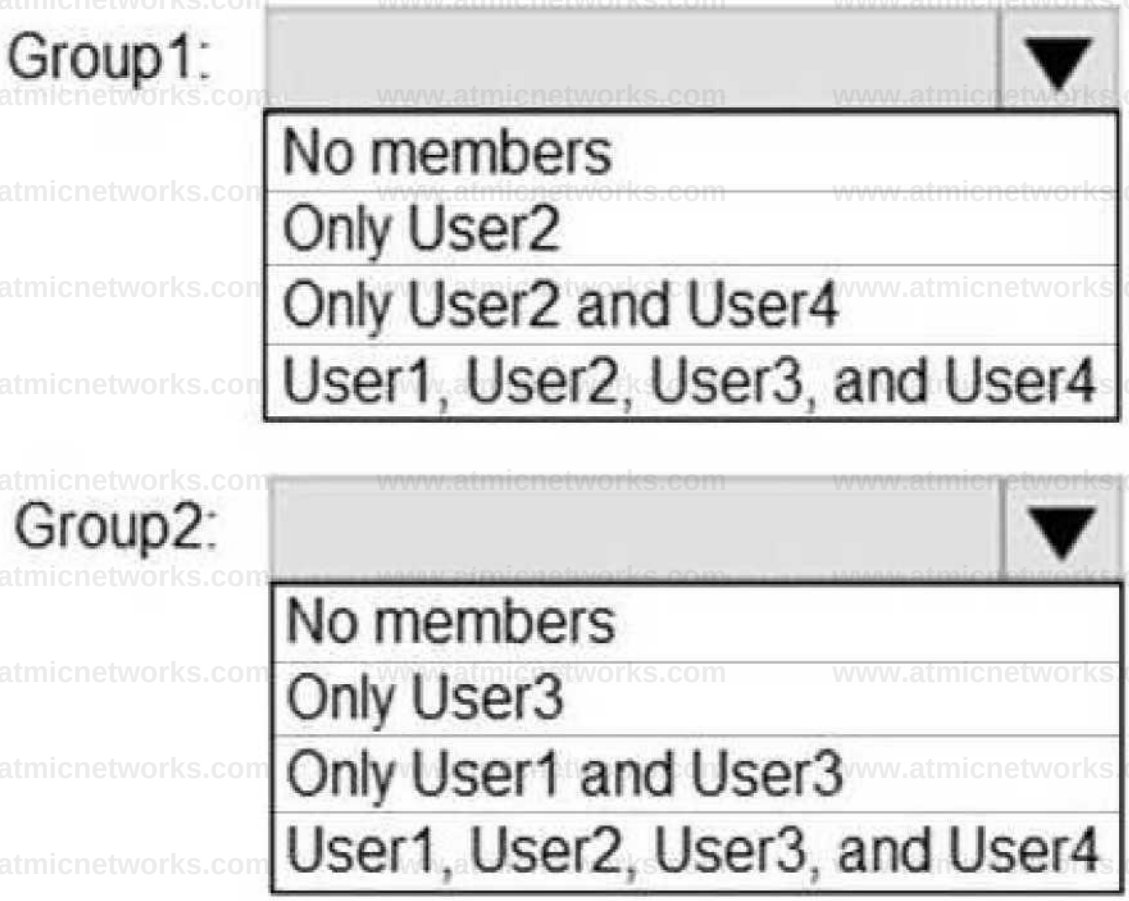
Scenario: Technical requirements include: Enable Azure AD Privileged Identity Management (PIM) for contoso.com

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

Question: 11
HOTSPOT

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.



Answer:

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

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

Question: 12
HOTSPOT

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	^°
From VM1, you can successfully ping the public IP address of VM2. 0		O
From VM1, you can successfully ping the private IP address of VM3. 0		O
From VM1, you can successfully ping the public IP address of VM5 O		O

Answer:

Explanation:

Yes,
Yes
No

Question: 13
HOTSPOT

You assign User8 the Owner role for RG4, RG5, and RG6.

In which resource groups can User8 create virtual networks and NSGs? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

User8 can create virtual networks in:

- RG4 only
- RG6 only
- RG4 and RG6 only
- RG4, RG5, and RG6

User8 can create NSGs in:

- RG4 only
- RG4 and RG5 only
- RG4 and RG6 only
- RG4, RG5, and RG6

Answer:

Explanation:

Box1: RG6 only as there is not option for RG5 & RG6 which it should be.
Box2: RG4 & RG6

Question: 14
HOTSPOT
: 2
HOTSPOT

Which virtual networks in Sub1 can User2 modify and delete in their current state? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

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Virtual networks that User2 can modify:

- VNET4 only
- VNET4 and VNET1 only
- VNET4, VNET3, and VNET1 only
- VNET4, VNET3, VNET2, and VNET1

Virtual networks that User2 can delete:

- VNET4 only
- VNET4 and VNET1 only
- VNET4, VNET3, and VNET1 only
- VNET4, VNET3, VNET2, and VNET1

Answer:

Explanation:

Virtual networks that User2 can modify:

- VNET4 only
- VNET4 and VNET1 only
- VNET4, VNET3, and VNET1 only
- VNET4, VNET3, VNET2, and VNET1

Virtual networks that User2 can delete:

- VNET4 only
- VNET4 and VNET1 only
- VNET4, VNET3, and VNET1 only
- VNET4, VNET3, VNET2, and VNET1

Box 1: VNET4 and VNET1 only

RG1 has only Delete lock, while there are no locks on RG4.

RG2 and RG3 both have Read-only locks.

Box 2: VNET4 only

There are no locks on RG4, while the other resource groups have either Delete or Read-only locks.

Note: As an administrator, you may need to lock a subscription, resource group, or resource to prevent other users in your organization from accidentally deleting or modifying critical resources. You can set the lock level to CanNotDelete or ReadOnly. In the portal, the locks are called Delete and Read-only respectively.

CanNotDelete means authorized users can still read and modify a resource, but they can't delete the resource.

ReadOnly means authorized users can read a resource, but they can't delete or update the resource.

Applying this lock is similar to restricting all authorized users to the permissions granted by the Reader role.

Scenario:
User2 is a Security administrator.
Sub1 contains six resource groups named RG1, RG2, RG3, RG4, RG5, and RG6.

User2 creates the virtual networks shown in the following table.

Name	Resource group
VNET1	RG1
VNET2	FRG2
VNET3	RG3
VNET4	RG4

Sub1 contains the locks shown in the following table.

Name	Set on	Lock type
Lockl	RG1	Delete
Lock2	RG2	Read-only
Lock3	RG3	Delete
Lock4	RG3	Read-only

Reference:
https://docs.microsoft.com/en-us/azure/azure-resource-manager/resource-group-lock-resources

Question: 15
HOTSPOT

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.	○	○

Answer:

Explanation:

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.	●	○

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		AzureLoadBaiancer	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.

Question: 16

You need to meet the technical requirements for VNetwork1.

What should you do first?

A. Create a new subnet on VNetwork1.
B. Remove the NSGs from Subnet11 and Subnet13.
C. Associate an NSG to Subnet12.
D. Configure DDoS protection for VNetwork1.

Answer: A

Explanation:

From scenario: Deploy Azure Firewall to VNetwork1 in Sub2.

Azure firewall needs a dedicated subnet named AzureFirewallSubnet.

Reference:

https://docs.microsoft.com/en-us/azure/firewall/tutorial-firewall-deploy-portal

Question: 17

HOTSPOT

You are evaluating the security of VM1, VM2, and VM3 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 the Internet, you can connect to the web server on VM1 by using HTTP.		
From the Internet, you can connect to the web server on VM2 by using HTTP,		
From the Internet, you can connect to the web server on VM3 by using HTTP.		

Answer:

Explanation:

	Yes	No
From the Internet, you can connect to the web server on VM1 by using HTTP.	0	0

From the Internet, you can connect to the web server on VM2 by using HTTP. 0 0

From the Internet, you can connect to the web server on VM3 by using HTTP. 0

Topic 3, Fabrikam inc

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General Overview

Fabrikam, Inc. is a consulting company that has a main office in Montreal and branch offices in Seattle and New York. Fabrikam has IT, human resources (HR), and finance departments.

Existing Environment

Network Environment

Fabrikam has a Microsoft 365 subscription and an Azure subscription named subscription1.

The network contains an on-premises Active Directory domain named Fabrikam.com. The domain contains two organizational units (OUs) named OU1 and OU2. Azure AD Connect cloud sync syncs only OU1.

The Azure resources hierarchy is shown in the following exhibit.

The Azure Active Directory (Azure AD) tenant contains the users shown in the following table.

Name	Type	Directory-synced	Role	Delegated to
Userl	User	Yes	User	None
Adminl	User	No	User Access Administrator	Tenant Root Group
Ad min2	User	No	Security administrator	MG1
Ad min3	User	No	Contributor	Subscription!
Admin4	User	No	Owner	RG1
Groupl	Group	No	Not applicable	None

Azure AD contains the resources shown in the following table.

Name	Type	Setting
CAPolicyl	Conditional access policy	Users in the finance department must use multi-factor authentication (MFA) when accessing Microsoft SharePoint Online
Sentinel!	Azure Sentinel workspace	Not applicable
SecPoll	Azure Policy definition	Security configuration for virtual machines

Subscription1 Resources

Subscription1 contains the virtual networks shown in the following table.

Name	Subnet	Location	Peer
VNET1	Subnet!, Subnet?	West US	VNET2, VNET3
VNET2	Subnet!	Central US	VNET1, VNET3
VNET3	Subnet!	West US	VNET1, VNET2

Subscription1 contains the network security groups (NSGs) shown in the following table.

Name	Location
NSG2	West US
NSG3	Central US
NSG4	West US

Subscription1 contains the virtual machines shown in the following table.

Name	Operating system	Location	Connected tor	Associated NSG
VM1	Windows Server 2019	West US	VNETl/Subnetl	None
VM2	CentOS-based 8.2	West US	VNET1/Subnet2	NSG2
VM3	Windows Server 2016	Central US	VNET2/Subnetl	NSG3
VM4	Ubuntu Server 18.04 LTS	West US	VNET3/Subnetl	NSG4

Subscription1 contains the Azure key vaults shown in the following table.

Name	Location	Pricing tier	Private endpoint
KeyVaultl	West US	Standard	VNETl/Subnetl
KeyVault2	Central US	Premium	None
KeyVault3	East US	Premium	VNETl/Subnetl, VNET2/Subnetl, VNET3/Subnetl

Subscription1 contains a storage account named storage1 in the West US Azure region.

Planned Changes and Requirements

Planned Changes

Fabrikam plans to implement the following changes:

Create two application security groups as shown in the following table.

Name	Location
ASG1	West US
ASG2	Central US

Associate the network interface of VM1 to ASG1.

Deploy SecPol1 by using Azure Security Center.

Deploy a third-party app named App1. A version of App1 exists for all available operating systems.

Create a resource group named RG2.

Sync OU2 to Azure AD.

Add User1 to Group1.

Technical Requirements

Fabrikam identifies the following technical requirements:

The finance department users must reauthenticate after three hours when they access SharePoint Online.

Storage1 must be encrypted by using customer-managed keys and automatic key rotation.

From Sentinel1, you must ensure that the following notebooks can be launched:

Entity Explorer – Account

Entity Explorer – Windows Host

Guided Investigation Process Alerts

VM1, VM2, and VM3 must be encrypted by using Azure Disk Encryption.

Just in time (JIT) VM access for VM1, VM2, and VM3 must be enabled.

App1 must use a secure connection string stored in KeyVault1.

KeyVault1 traffic must NOT travel over the internet.

Question: 18

DRAG DROP

You need to perform the planned changes for OU2 and User1.

Which tools should you use? To answer, drag the appropriate tools to the correct resources. Each tool 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.

Tools	Answer Area
The Azure portal	OU2: Tool
Azure AD Connect	Userl: Tool
The Active Directory admin center	
Active Directory Sites and Sen/ices	
Active Directory Users and Computers	

Answer:

Explanation:

0U2: Azure AD Connect

Userl: The Azure portal

Table Description automatically generated

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Question: 19

You need to meet the technical requirements for the finance department users.

Which CAPolicy1 settings should you modify?

A. Cloud apps or actions
B. Conditions
C. Grant
D. Session

Answer: D

Explanation:

Reference:
https://docs.microsoft.com/en-us/azure/active-directory/conditional-access/howto-conditional- access-session-lifetime

Question: 20

HOTSPOT

You need to configure support for Azure Sentinel notebooks to meet the technical requirements.

What is the minimum number of Azure container registries and Azure Machine Learning workspaces required?

Container registries:

0
1
2
3

Workspaces:

0
1
2
3

Answer:

Explanation:

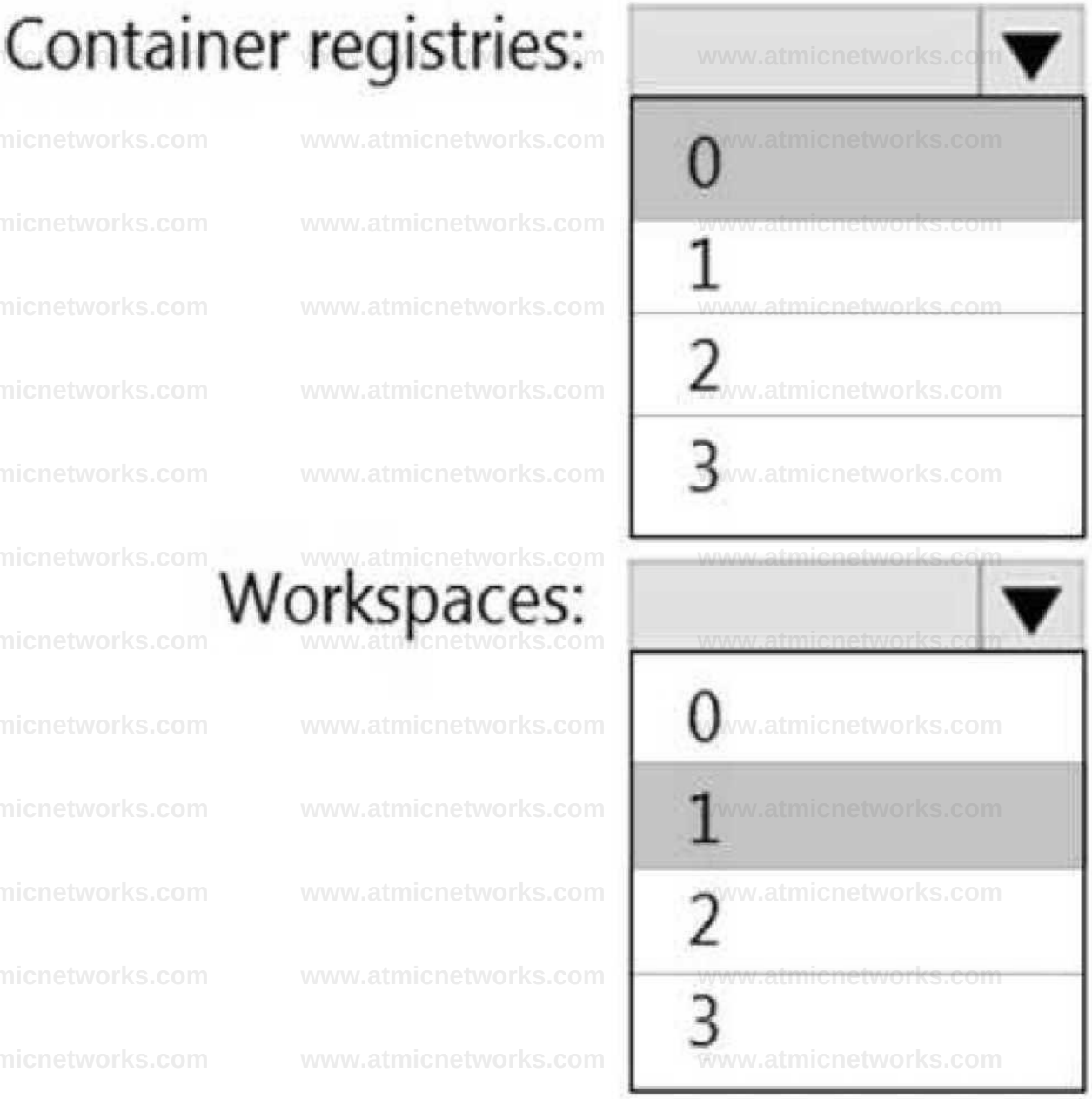

Table Description automatically generated with medium confidence

Reference:
https://docs.microsoft.com/en-us/azure/sentinel/notebooks

Question: 21

From Azure Security Center, you need to deploy SecPol1.

What should you do first?

A. Enable Azure Defender.
B. Create an Azure Management group.
C. Create an initiative.
D. Configure continuous export.

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Answer: B

Explanation:
Reference:
https://github.com/MicrosoftDocs/azure-docs/blob/master/articles/security-center/custom- security-policies.md

https://zimmergren.net/create-custom-security-center-recommendation-with-azure-policy/

Question: 22

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

Question: 23

HOTSPOT

You need to delegate the creation of RG2 and the management of permissions for RG1. Which users can perform each task? To answer select the appropriate options in the answer area. NOTE: Each correct selection is worth one point

Create RGZ

Admin3 only

Admin2 And AdniinJ only

Admin! and AdiniM only

Admin?, Admin?,, and Admm4 only

Adrntnl, Admin?, Minin?, and Admm4

Manage RG1 permissions:

Admin* only

Adminl and Adm®4 only

Admin? and MmKJ only

Admml Admin? and Admin* only

Admml, Mr.m2, Mmmj, and Admin*

Answer:

Explanation:

Create RG2:

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

Manage RG1 permissions:

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

Graphical user interface, text, application, chat or text message Description automatically generated

Box 1: Admin3 only

The Contributor role has the necessary write permissions to create the resource group.

Box 2: Admin4 only

You need Owner level access to be able to manage permissions. The Contributor role can do most things but cannot modify permissions on existing objects.

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Question: 24

You plan to configure Azure Disk Encryption for VM4. Which key vault can you use to store the encryption key?

A. KeyVault1
B. KeyVault3
C. KeyVault2

Answer: A

Explanation:

The key vault needs to be in the same subscription and same region as the VM.
VM4 is in West US. KeyVault1 is the only key vault in the same region as the VM.

Reference:
https://docs.microsoft.com/en-us/azure/virtual-machines/windows/disk-encryption-key-vault

Question: 25

HOTSPOT

You implement the planned changes for ASG1 and ASG2.

In which NSGs can you use ASG1. and the network interfaces of which virtual machines can you assign to ASG2?

Answer Area

NSGs:

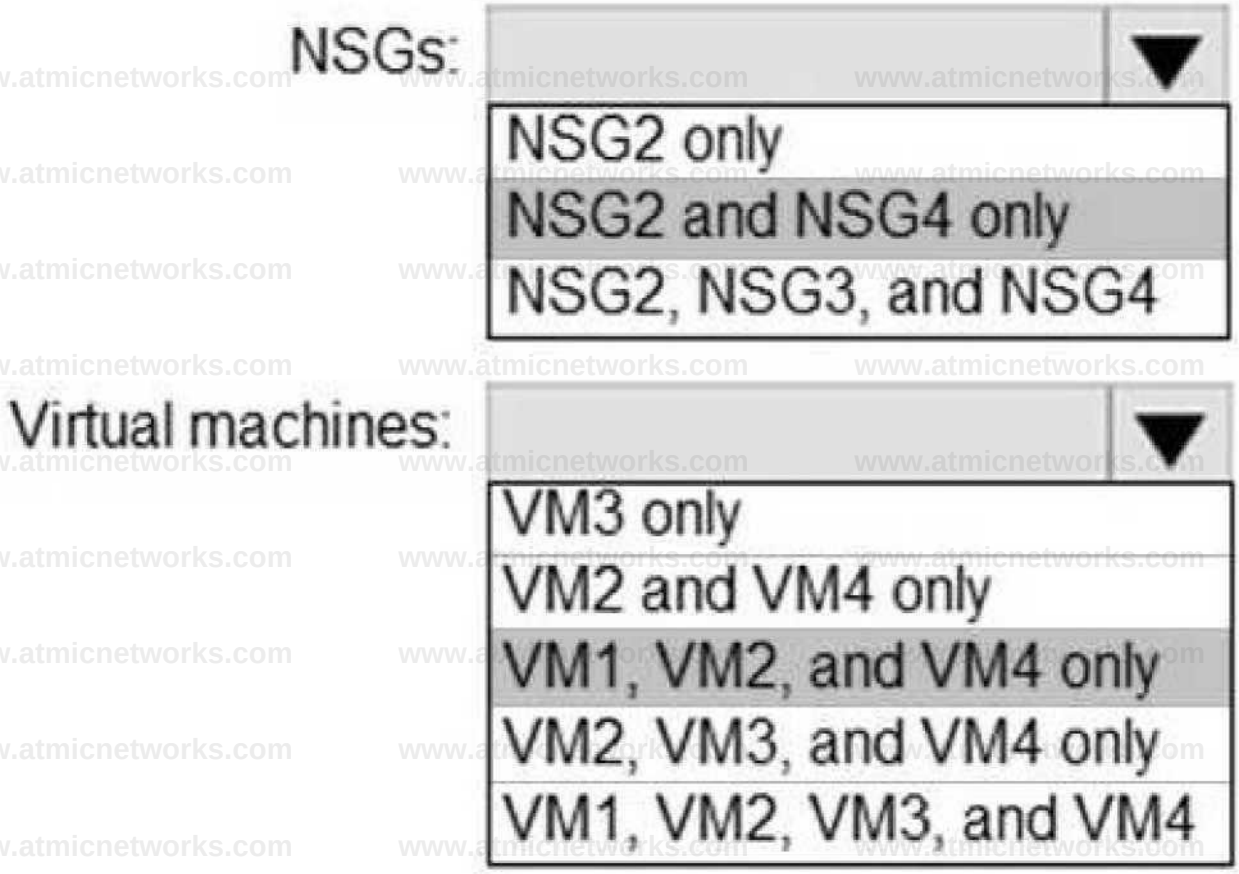
NSG2 only
NSG2 and NSG4 only
NSG2, NSG3, and NSG4

Virtual machines: I

VM3 only
VM2 and VM4 only
VM1. VM2. and VM4 only
VM2. VM3. and VM[J only
VM1. VM2. VM3. and VM4

Answer:

Explanation:



Graphical user interface, text, application, chat or text message Description automatically generated

Question: 26

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

Explanation:

Topic 4, Fabrikam, Inc.

Case Study

Overview

Existing Environment

Network Environment

Cloud Environment

Sub1 Resources

Fabrikam, Inc. is a consulting company. The company has a main office in New York City and branch offices in Amsterdam and Singapore.

The on-premises network contains a datacenter in each office.

Fabtikam has two Azure subscriptions named Sub1 and Sub2 and a Microsoft 365 subscription that includes Microsoft 365 E5 licenses.

All the subscriptions are linked to a Microsoft Entra tenant named fabrikam.com that contains the identities shown in the following table.

Name	type	Microsoft Entra role	Azure role assignment forSubl
Admin 1	User	Privileged Authentication Administrator	Resource Policy Contributor
Ad mm2	User	Compliance Administrator	User Access Administrator
Admin3	User	Authentication Administrator	Contributor
Admm4	User	Global Administrator	*None*
Useri	User	*None*	Reader
AKS1	System-assigned managed identity	*None*	*None*
ID1	User-assigned managed identity	*None*	*None*

The tenant contains the groups shown in the following table.

Name	Type _	Role assignments allowed
Group1	Secunty	Yes
Group?	Secunty	No
GroupS	Microsoft 365	Yes
Group4	Microsoft 365	No

All devices are enrolled in Microsoft Intune.

Sub2 Resources

Sub1 contains a resource group named RG1 that contains the resources shown in the following table.

Name	Description	Location
SQLServer 1	Azure SQL Database logical server	East US
SQLdbl	Database on SQLServer!	East US
VM1	Virtual machine	East US
AKS1	Azure Kubemetes Service AKS) cluster	East US
Registry!	Azure container registry	East US
storage!	Storage account	East US
AKV1	Azure key vault	East US

SQLServer1 uses Microsoft SQL Server authentication.

Sub1 has an Azure Web Application Firewall (WAF) named WAF1 that has the following types of rule sets:

- Bot Manager 1.1
- Azure-managed Default Rule Set (DRS)

Sub1 has the following compliance standards assigned in Microsoft Defender for Cloud:

- MIST SP 800-53 Rev. 4
- Microsoft cloud security benchmark (MCSB)
- System and Organization Controls (SOC) 2 Type 2

Planned Changes and Requirements

Planned Changes

Sub2 contains a resource group named RG2.

Fabtikam plans to implement the following changes:

- Deploy the following key vaults to RG1:
  - o AKV2 in the West Europe Azure region
  - o AKV3 in the Central US Azure region
  - o AKV4 in the East US Azure region
- Deploy the following key vaults to RG2:
  - o AKV5 in the East US region
- Configure VM1 to read data from storage1.
- Create function apps that have the following hosting plans:
  - o Fa1: Flex Consumption hosting plan
  - o Fa2: Consumption hosting plan
  - o Fa3: Dedicated hosting plan
- For WAF1, implement rate limiting rules based on the request location.
- Enable the NIST SP 800-53 Rev. 5 compliance standard in Defender for Cloud.
- Create a new storage account named storage2 that supports Azure Table storage.
- Enforce multifactor authentication (MFA) when database administrators access SQLdbl.
- Implement ExpressRoute circuits to the on-premises network as shown in the following table.

Name	Location	Deployment type
ER1	West Europe	ExpressRoute with a connectivity provider
ER2	West Europe	ExpressRoute Metro with a connectivity provider
ER3	East US	ExpressRoute Direct
ER4	Southeast Asia	ExpressRoute Metro Direct

- For RG1. create a new Privileged Identity Management (PIM) eligible role assignment that assigns the Contributor role to supported groups.

Technical Requirements

Fabrikam has the following technical requirements:

- If VM1 is deleted, the permissions for VM1 must be removed automatically.
- The AKS1 managed identity must only be able to pull images from Registry1.
- The ID1 managed identity must be able to push images to and pull images from Registry 1.
- All the data in the storage accounts must be encrypted by using Fabrikam-managed keys.
- All outbound traffic from the function apps to the on-premises network must use ExpressRoute circuits.
- ExpressRoute connectivity between the on-premises network and the Azure environment must be encrypted by using Layer 2 or Layer 3 encryption.

Question: 27

You implement the planned changes for the key vaults.

To which key vaults can you restore AKV1 backups?

A. AKV4only
B. AKV3 and AKV4 only
C. AKV4 and AKV5 only
D. AKV2, AKV3, and AKV4 only

E. AKV2, AKV3, AKV4, and AKV5

Answer: C

Explanation:

Question: 28

HOTSPOT

You need to configure the AKS1 and ID1 managed identities to meet the technical requirements. The solution must follow the principle of least privilege.

Which role should you assign to each identity? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

ID1; | AcrPush
AcrPull

Contributor
Owner Reader

Answer:

Explanation:

Answer Area

AKS1: AcrPull

ID1 AcrPush

Question: 29

You need to implement the planned change for VM1 to access storage1.

The solution must meet the technical requirements.

What should you do first?

A. Configure a system-assigned managed identity on VM1.
B. Configure federated identity credentials for ID1.

C. Assign the Storage Blob Data Reader role to storage 1.
D. Assign ID1 to VM1.
E. Add a role assignment condition to storage1.

Answer: A

Explanation:

Question: 30

You need to implement the planned change for WAF1. The solution must minimize administrative effort What should you do?

A. Create an Azure policy.
B. Modify the Azure-managed DRS.
C. Add a custom rule.
D. Modify the Bot Manager 1.1 rule set.

Answer: C

Explanation:

Question: 31

You need to delegate a user to implement the planned change for Defender for Cloud.
The solution must follow the principle of least privilege.
Which user should you choose?

A. Admin1
B. Admin2
C. Admin3
D. Admin4

Answer: B

Explanation:

Question: 32

HOTSPOT

You need to recommend an encryption solution for the planned ExpressRoute implementation. The solution must meet the technical requirements.

Which ExpressRoute circuit should you recommend for each type of encryption? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Layer 2 encryption ER3 and ER4 only '|

ERI only
ER3 only
ER1 and ER2 only
ER2 and ER4 only

Layer 3 encryption: [ER1, ERZ ER3, and ER4 *

ER1 only
ERB only
ER1 and ER2 only
ER2 and ER4 only
ER3 and ER4 only

Answer:

Explanation:

Answer Area

Layer 2 encryption ER3 and ER4 only

Layer 3 encryption: ER1, ERZ ER3, and ER4 *

Question: 33

You need to implement the planned change for SQLdb1.

Which two actions should you perform? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

A. Create a compliance policy.
B. Configure Microsoft Entra authentication for SQLServer1.
C. Create a Conditional Access policy.
D. Configure a user-assigned managed identity for SQLdb1.
E. Configure Federated client identity for SQLdb1.

Answer: B, C

Explanation:

Topic 5, Mix Questions

Question: 34

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.

Reference:

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

Question: 35

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.

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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 create a new stored access policy.

Does this meet the goal?

A. Yes

B. No

Answer: B

Explanation:

Shared access signatures provides access to a particular resource such as blog. Stored access policies are a group of Shared Access Signatures (SAS). In order to revoke access to a SAS you can either:

1. Rotate the Key1 or Key 2, that is the access keys used to sign the SAS. Rotating the access keys used to sign the SAS, invalidates any previously signed SAS hence revoking the SAS issued before

2. Remove the stored access policy which an SAS is linked to. If a Stored Access Policy is removed, it also invalidates

the SASs liked to the Stored Access Policy.

Question: 36

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.

Reference:

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

Question: 37

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 create a site-to-site VPN between the virtual network and the on-premises network. Does this meet the goal?

A. Yes

B. No

Answer: A

Explanation:

You can 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.
Reference:
https://docs.microsoft.com/en-us/azure/hdinsight/connect-on-premises-network

https://docs.microsoft.com/en-us/azure/vpn-gateway/vpn-gateway-howto-site-to-site-resource- manager-portal

Question: 38

Your network contains an Active Directory forest named contoso.com. The forest contains a single domain.
You have an Azure subscription named Sub1 that is associated to an Azure Active Directory (Azure AD) tenant named contoso.com.
You plan to deploy Azure AD Connect and to integrate Active Directory and the Azure AD tenant.
You need to recommend an integration solution that meets the following requirements:
Ensures that password policies and user logon restrictions apply to user accounts that are synced to the Tenant
Minimizes the number of servers required for the solution.
Which authentication method should you include in the recommendation?

A. federated identity with Active Directory Federation Services (AD FS)
B. password hash synchronization with seamless single sign-on (SSO)
C. pass-through authentication with seamless single sign-on (SSO)

Answer: C

Explanation:

1. Ensures that password policies and user logon restrictions apply to user accounts that are synced to the tenant
>> Pass-Through Authentication enforce on-premises user account states, password policies, and sign-in hours.

2. Minimizes the number of servers required for the solution.
>> Pass-through needs a lightweight agent to be installed one (or more) on-premises servers.
>> PW Hash also require installing Azure AD Connect on your existing DC.

Question: 39

Your network contains an on-premises Active Directory domain named corp.contoso.com.
You have an Azure subscription named Sub1 that is associated to an Azure Active Directory (Azure AD) tenant named contoso.com.
You sync all on-premises identities to Azure AD.

You need to prevent users who have a givenName attribute that starts with TEST from being synced to Azure AD. The solution must minimize administrative effort.

What should you use?

A. Synchronization Rules Editor
B. Web Service Configuration Tool
C. the Azure AD Connect wizard
D. Active Directory Users and Computers

Answer: A

Explanation:

Use the Synchronization Rules Editor and write attribute-based filtering rule.

Reference:

https://docs.microsoft.com/en-us/azure/active-directory/hybrid/how-to-connect-sync-change-the- configuration

Question: 40

DRAG DROP

You are implementing conditional access policies.

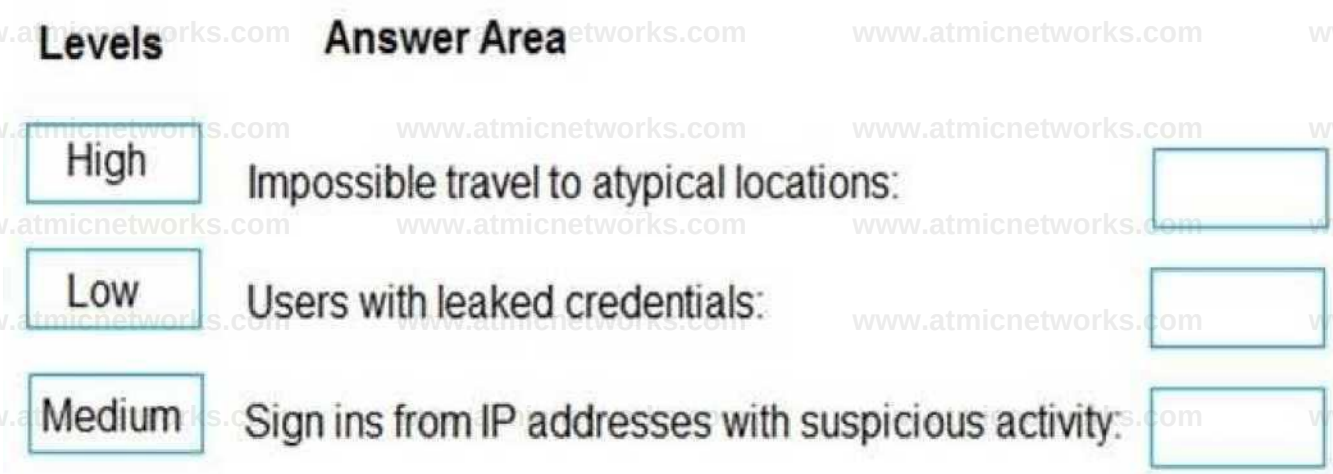
You must evaluate the existing Azure Active Directory (Azure AD) risk events and risk levels to configure and implement the policies.

You need to identify the risk level of the following risk events:

Users with leaked credentials
Impossible travel to atypical locations
Sign ins from IP addresses with suspicious activity

Which level should you identify for each risk event? To answer, drag the appropriate levels to the correct risk events. Each level 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.



Answer:

Explanation:

Medium
High
Medium
Refer https://docs.microsoft.com/en-us/azure/active-directory/reports-monitoring/concept-risk-events#sign-ins-from-ip-addresses-with-suspicious-activity

Question: 41
HOTSPOT

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 Useri signs in from an unfamiliar location, he must change his password.		
If User2 signs in from an anonymous IP address, she must change her password.		
If User3 signs in from a computer containing malware that is communicating Q with known bot servers, he must change his password.		

Answer:

Explanation:

Answer Area

Statements	Yes	No
If Useri signs in from an unfamiliar location, he must change his password.		
If User2 signs in from an anonymous IP address, she must change her password.		
If User3 signs in from a computer containing malware that is communicating Q with known bot servers, he must change his password.		

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 in to 3 levels of risks – High, Medium & Low:

Reference:

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

Question: 42

DRAG DROP

You need to configure an access review. The review will be assigned to a new collection of reviews and reviewed by resource owners.

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 an access review program	
Set Reviewers to Selected users.	
Create an access review audit.	
Create an access review control	
Set Reviewers to Group owners	
Set Reviewers to Members	

Answer:

Explanation:

Answer Area

Create an access review program

Create an access review control.

Set Reviewers to Group owners

Step 1: Create an access review program

Step 2: Create an access review control

Step 3: Set Reviewers to Group owners

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.

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Reviewers
Reviewers

Group Owner! A

Group ownen

Programs

Selected users

Member! istl!)

Link to proorem

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

Question: 43

HOTSPOT

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
Useri	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.

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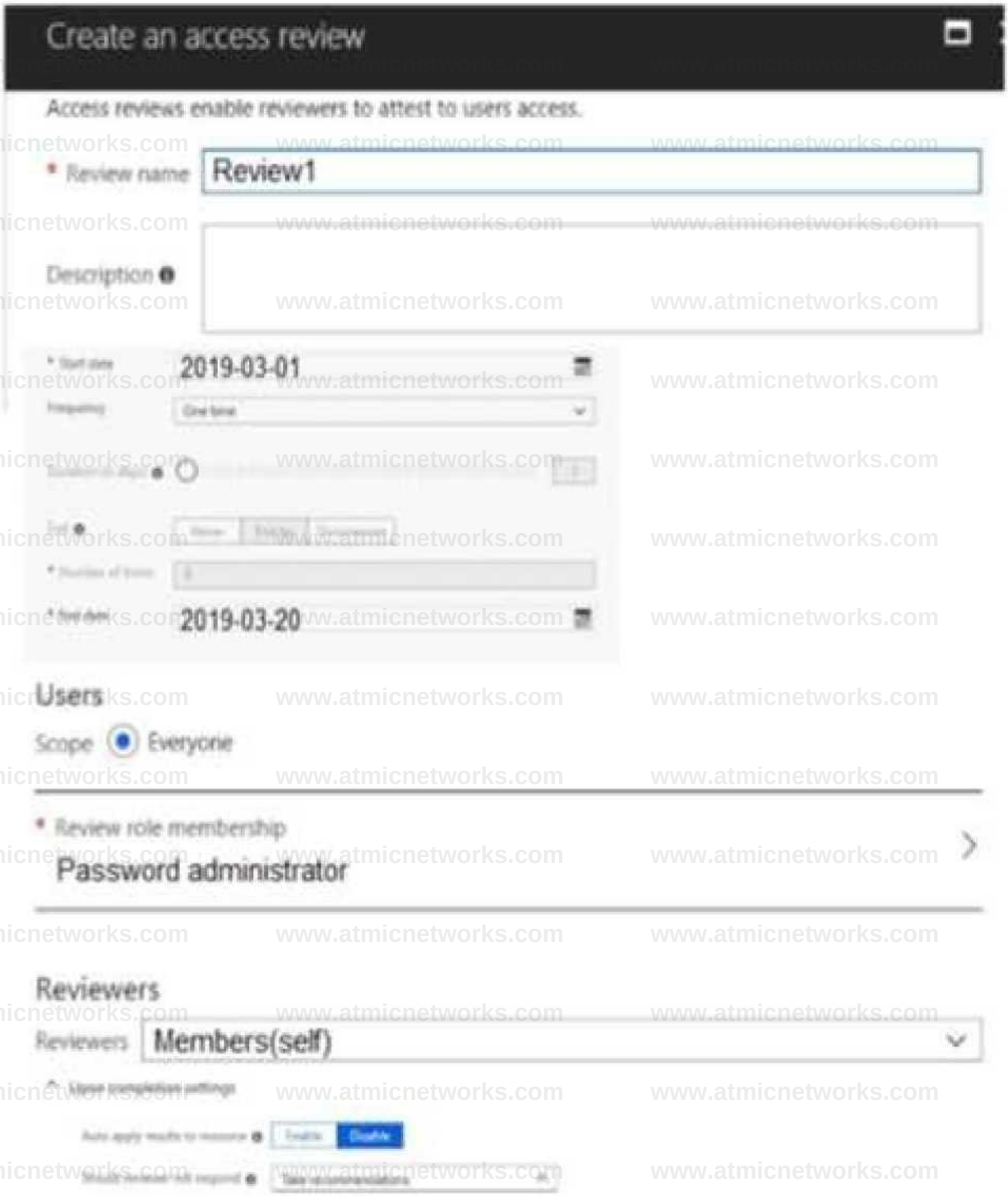

Use the drop-down menus to select the answer choice that completes each statement based on the information presented in the graphic.

NOTE: Each correct selection is worth one point.

User3 can perform Reviewl for

^

User3 only
Useri and User2 only
Useri, User2, and User3

If User2 fails to complete Reviewl 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

Answer:

Explanation:

User3 can perform Reviewl for

User3 only
Useri and User2 only
Useri, User2, and User3

If User2 fails to complete Reviewl 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

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

Reference:
https://docs.microsoft.com/bs-latn-ba/azure/active-directory/privileged-identity-management/pim- how-to-start-security-review

Question: 44
DRAG DROP

You create an Azure subscription.

You need to ensure that you can use Azure Active Directory (Azure AD) Privileged Identity Management (PIM) to secure Azure AD roles.

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

Verify your identity by using multi-factor authentication (MFA).

Consent to PIM

Sign up PIM for Azure AD roles

Discover privileged roles

Discover resources

Answer Area

Answer:

Explanation:

Consent to PIM

Verify your identity by using multi-factor authentication (MFA).

Sign up PIM for Azure AD roles.

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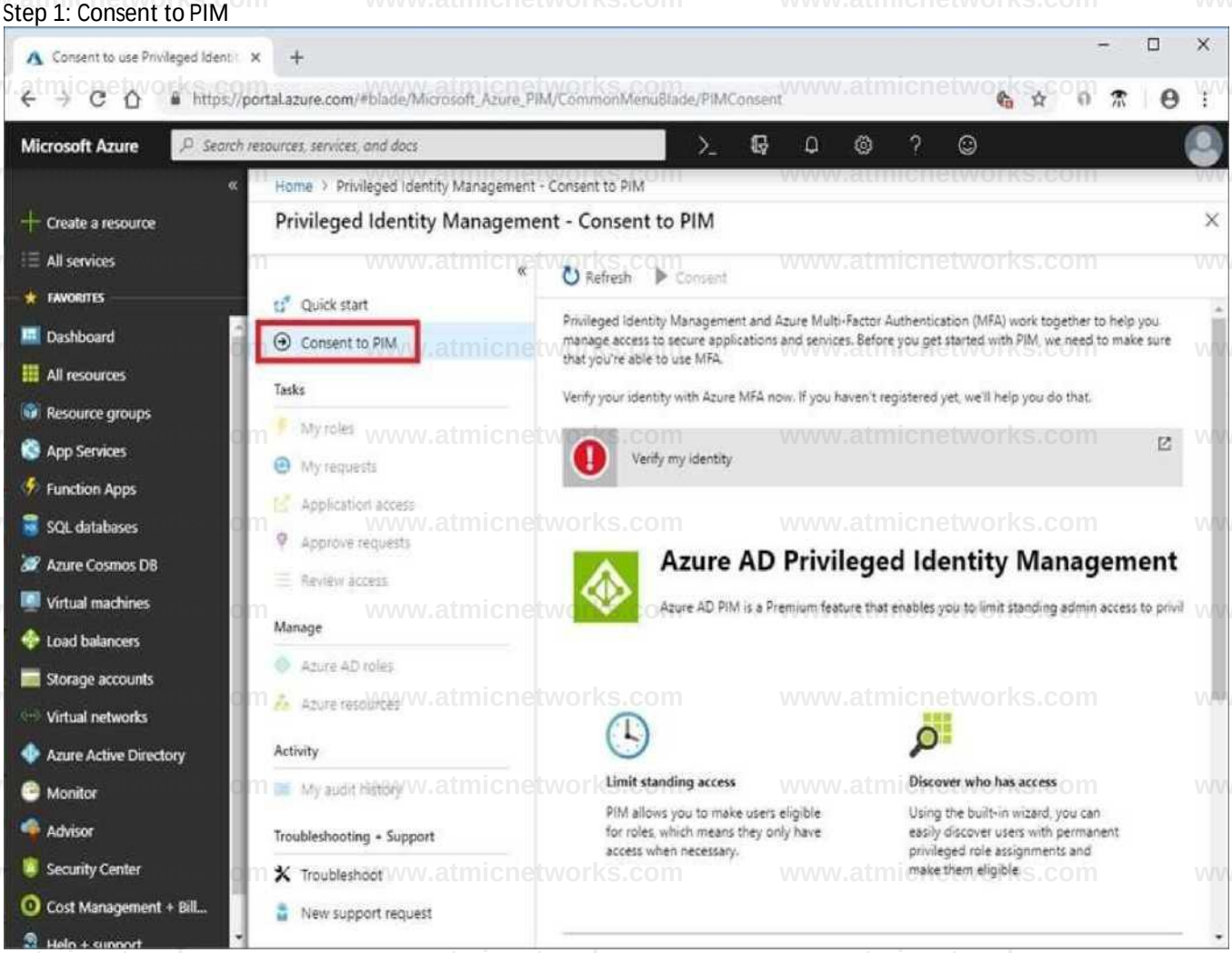
Step 1: Consent to PIM



Step: 2 Verify your identity by using multi-factor authentication (MFA)
Click Verify my identity to verify your identity with Azure MFA. You'll be asked to pick an account.

Step 3: Sign up PIM for Azure AD roles
Once you have enabled PIM for your directory, you'll need to sign up PIM to manage Azure AD roles.

Reference:
https://docs.microsoft.com/en-us/azure/active-directory/privileged-identity-management/pim- getting-started

Question: 45

HOTSPOT

Your company has two offices in Seattle and New York. Each office connects to the Internet by using a NAT device. The offices use the IP addresses shown in the following table.

Location	IP address space	Public NAT segment
[Seattle	10 10,00/16	190 15.1 0/24
New York	172.160.0/16	194 25.2 0 24

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

Name	Multi-factor authentication (MFA) status
User1	Enabled
User2	Enforced

The MFA service settings are configured as shown in the exhibit. (Click the Exhibit tab.)

trusted ips (learn more)

☑ Skip multi-factor authentication for requests from federated users on my intranet

Skip multi-factor authentication for requests from following range of IP address subnets

10.10.0.0/16
194.25.2.0/24

✓

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

NOTE: Each correct selection is worth one point.

	Yes	No
If Useri signs in to Azure from a device that uses an IP address of 134 18 14 10, Useri must be authenticated by using a phone	Q	0
If User2 signs in to Azure from a device in the Seattle office, User2 must be authenticated by using the Microsoft Authenticator app	Q	Q
If User2 signs in to Azure from a device in the New York office, Useri must be authenticated by using a phone	Q	Q

Answer:

Explanation:

	Yes	No
IfUserl signsintoAzurefromadevicethatusesanIPaddressof 134 18 14 10, Useri must be authenticated by using a phone	Q	0
If User2 signs in to Azure from a device in the Seattle office, User2 must be authenticated by using the Microsoft Authenticator app	Q	Q
If User2 signs in to Azure from a device in the New York office, Useri must be authenticated by using a phone	Q	Q

Box 2: No
Use of Microsoft Authenticator is not required.

Note: Microsoft Authenticator is a multifactor app for mobile devices that generates time-based codes used during the Two-Step Verification process.

Box 3: No
The New York IP address subnet is included in the "skip multi-factor authentication for request.

Reference:
https://www.cayosoft.com/difference-enabling-enforcing-mfa/

Question: 46
HOTSPOT

You have an Azure Container Registry named Registry1.

You add role assignment for Registry1 as shown in the following table.

User	Role
Useri	AcrPush
User?	AcrPull
User3	AcrImageSigner
User4	Contributor

Which users can upload images to Registry1 and download images from Registry1? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Upload images:

- User1 only
- User1 and User4 only
- User1, User3, and User4
- User1, User2, User3, and User4

Download images:

- User2 only
- User1 and User2 only
- User2 ad User4 only
- User1, User2, and User4
- User1, User2, User3, and User4

Answer:

Explanation:

Upload images:

- User1 only
- User1 and User4 only
- User1, User3, and User4
- User1, User2, User3, and User4

Download images:

- User2 only
- User1 and User2 only
- User2 ad User4 only
- User1, User2, and User4
- User1, User2, User3, and User4

Box 1: User1 and User4 only

Owner, Contributor and AcrPush can push images.

Box 2: User1, User2, and User4

Role/Permission	Access Resource Manager	Create/deletc registry	image	Pun image	Delete image data	Change policies	Sign images
Owner	X	X	X	X	X	X	
Contributor	X	X	X	X	X	X	
Reader	X			X			
AerPush			x 1	X			
AcrPull				X			
AcrDelete					X		
AcrImageSigner							X

All, except AcrImagineSigner, can download/pull images.

Reference:

https://docs.microsoft.com/bs-latn-ba/azure/container-registry/container-registry-roles

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Question: 47

You have an Azure subscription.
You create an Azure web app named Contoso1812 that uses an S1 App service plan.
You create a DNS record for www.contoso.com that points to the IP address of Contoso1812.
You need to ensure that users can access Contoso1812 by using the https://www.contoso.com URL.
Which two actions should you perform? Each correct answer presents part of the solution.
NOTE: Each correct selection is worth one point.

A. Turn on the system-assigned managed identity for Contoso1812.
B. Add a hostname to Contoso1812.
C. Scale out the App Service plan of Contoso1812.
D. Add a deployment slot to Contoso1812.
E. Scale up the App Service plan of Contoso1812.
F. Upload a PFX file to Contoso1812

Answer: B,F

Explanation:

8: You can configure Azure DNS to host a custom domain for your web apps. For example, you can create an Azure web app and have your users access it
using either www.contoso.com or contoso.com as a fully qualified domain name (FQDN). To do this, you have to create three records:
A root "A" record pointing to contoso.com
A root "TXT" record for verification
A "CNAME" record for the www name that points to the A record
F: To use HTTPS, you need to upload a PFX file to the Azure Web App. The PFX file will contain the SSL certificate required for HTTPS.
Reference: https://docs.microsoft.com/en-us/azure/dns/dns-web-sites-custom-Domain

Question: 48

You have an Azure subscription named Sub1. Sub1 contains a virtual network named VNet1 that contains one subnet named Subnet1.
You create a service endpoint for Subnet1.
Subnet1 contains an Azure virtual machine named VM1 that runs Ubuntu Server 18.04.
You need to deploy Docker containers to VM1. The containers must be able to access Azure Storage resources and Azure SQL databases by using the service endpoint.

A. Create an application security group and a network security group (NSG).
B. Edit the docker-compose.yml file.
C. Install the container network interface (CNI) plug-in.

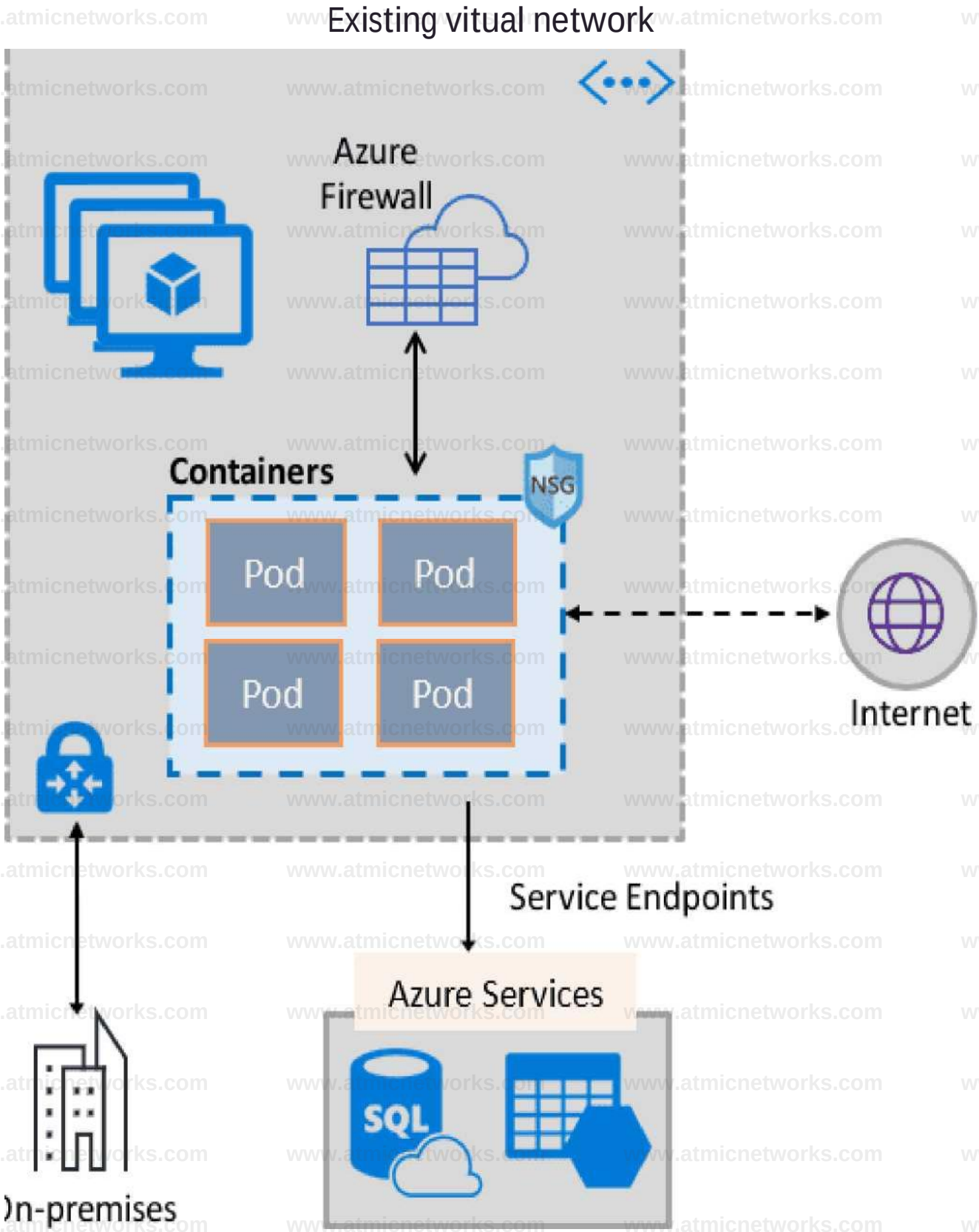
Answer: C

Explanation:

The Azure Virtual Network container network interface (CNI) plug-in installs in an Azure Virtual Machine. The plug-in supports both Linux and Windows platform.
The plug-in assigns IP addresses from a virtual network to containers brought up in the virtual machine, attaching them to the virtual network, and connecting them directly to other containers

and virtual network resources. The plug-in doesn't rely on overlay networks, or routes, for connectivity, and provides the same performance as virtual machines.

The following picture shows how the plug-in provides Azure Virtual Network capabilities to Pods:



Reference:
https://docs.microsoft.com/en-us/azure/virtual-network/container-networking-overview

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Question: 49

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. device compliance policies in Microsoft Intune
B. Azure Automation State Configuration
C. application security groups
D. Azure Advisor

Answer: B

Explanation:

You can use Azure Automation State Configuration to manage Azure VMs (both Classic and Resource Manager), on-premises VMs, Linux machines, AWS VMs, and on-premises physical machines. Note: Azure Automation State Configuration provides a DSC pull server similar to the Windows Feature DSCService so that target nodes automatically receive configurations, conform to the desired state, and report back on their compliance. The built-in pull server in Azure Automation eliminates the need to set up and maintain your own pull server. Azure Automation can target virtual or physical Windows or Linux machines, in the cloud or on-premises.

Reference:
https://docs.microsoft.com/en-us/azure/automation/automation-dsc-getting-started

Question: 50

DRAG DROP

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

Name	Region	Description
HubVNet	**East US**	**HubVNet is a virtual network connected to the on-premises network by using a srte-to-site VPN that has BGP route propagation enabled HubVNet contains a subnet named HubVNetSubnetO**
SpokeVNet	**East US**	**SpokeVNet is a virtual network connected to HubVNet by usmg VNet peering SpokeVNet contains a subnet named SpokeVNetSubnetO.**

The Azure virtual machines on SpokeVNetSubnet0 can communicate with the computers on the onpremises network.

You plan to deploy an Azure firewall to HubVNet.

You create the following two routing tables:

RT1: Includes a user-defined route that points to the private IP address of the Azure firewall as a next hop address
RT2: Disables BGP route propagation and defines the private IP address of the Azure firewall as the default gateway

You need to ensure that traffic between SpokeVNetSubnet0 and the on-premises network flows through the Azure firewall.

To which subnet should you associate each route table? To answer, drag the appropriate subnets to the correct route tables. Each subnet 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.

Answer:

Explanation:

Answer Area

RT1: GatewaySubnet

RT2: HubVNetSubnet0

Question: 51
HOTSPOT

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.

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```
"if" : (
 "allot": [
   ( "field" : "type", "equals": "Microsoft.Compute/virtualMachines"

     {
  "field" : "Microsoft.Compute/imageSKU", "equals" : "2016-Datacenter",


  "then" : { "effect" ; "          ▼ ">
```

Append
Deny _____ DeployIfNotExists

```
    "details" : ( "type" ; "Microsoft.Guestconfiguration/guestConfigurationAsslgnments",
    "roleDefinitionsIds" : [
     "/providers/microsoft.authorization/roleDefinitions/12345678-1234-5678-abed-012345678910" I,
    "name" : "customExtension", "deployment" : { "properties" : ( "mode"; "incremental". "parameters" :
    ( }, "          ▼ ": (
```

existencecondition resources template"

Answer:

Explanation:

```
"then" : ( "effect" ; "            ▼ ",
```

Append Deny DeploytfNotExists

```
"details" : (
"type" ; "Microsoft.Guestconfiguration/guestConfigurationAssignments", "roleDefinitionslds" : [
 "/providers/Microsoft.authorization/roleDef initions/1234 5678 -1234-5678-abcd-012345678910" ],
"name" : "customExtension"f "deployment" : {
"properties" : ( "mode"; "incremental".
"parameters" : {
},
"
```

▼ ": {

existenceCondition
resources
template

```
}
)
```

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

Reference:

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

Question: 52

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.

Reference:

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

Question: 53

HOTSPOT

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

Name	Resource group	Status
VM1	RG1	Stopped (Deal located)
VM2	RG2	Stopped (Deallocated)

You create the Azure policies shown in the following table.

Policy definition	Resource type	Scope
Not allowed resource types	virtualMachines	RG1
Allowed resource types	virtualMachines	RG2

You create the resource locks shown in the following table.

Name	Type	Created on
Lockl	Read-only	VM1
Lock2	Read-only	RG2

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

NOTE: Each correct selection is worth one point.

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Answer Area

Statements	Yes	No
You can start VM1.	○	○
You can start VM2.	○	○
You can create a virtual machine in RG2.	○	○

Answer:

Explanation:

Answer Area

Statements	Yes	No
You can start VM1.	○	○
You can start VM2.	○	○
You can create a virtual machine in RG2.	○	○

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

Question: 54
HOTSPOT

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	CemOS 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:

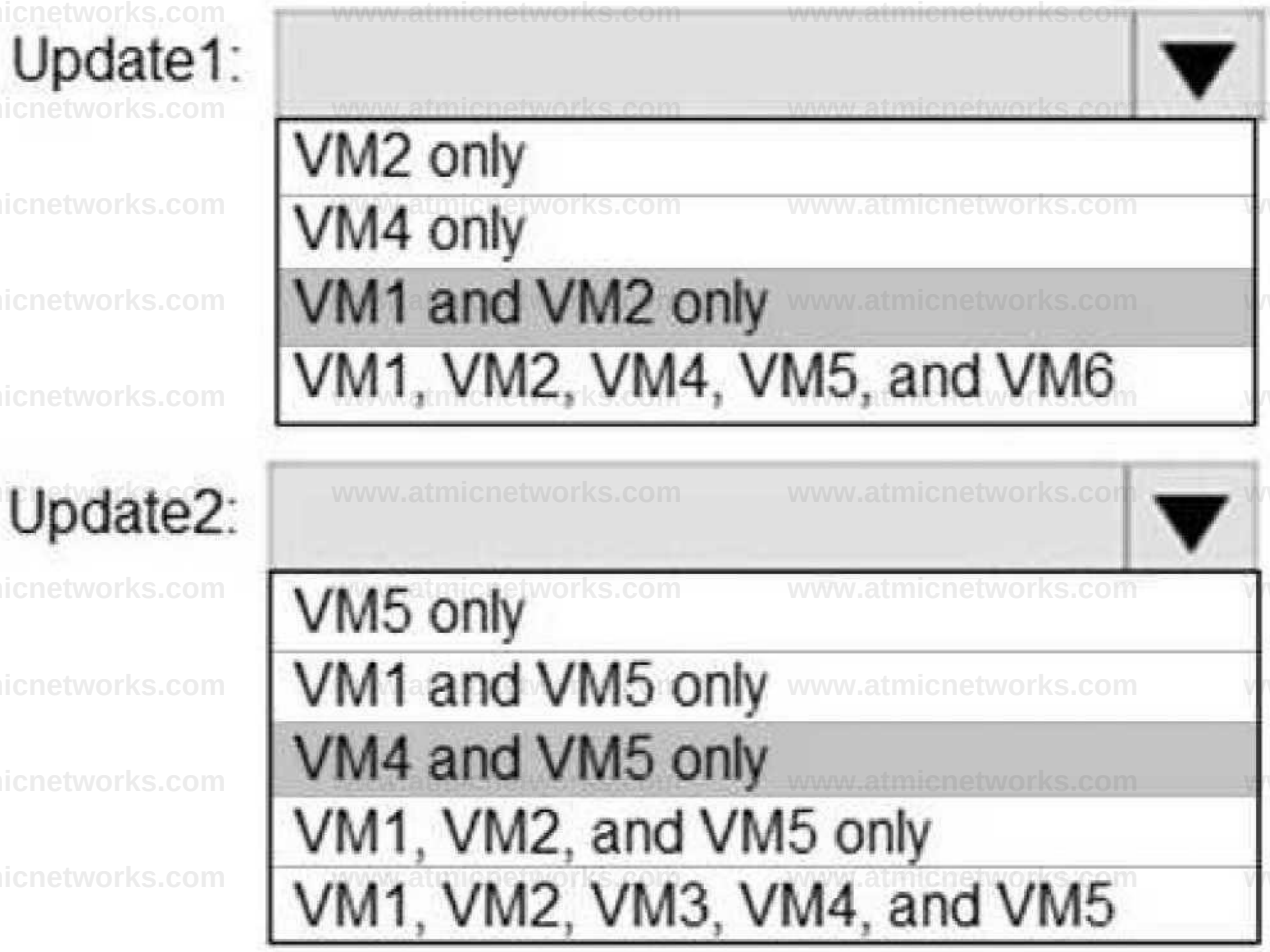
- VM2 only
- VM4 only
- VM1 and VM2 only
- VM1, VM2, VM4, VM5, and VM6

Update2:

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

Answer:

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.

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

Question: 55
HOTSPOT

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
I VM2	NIC2	AppGroupl2	1000 11
VM3	N(C3	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.

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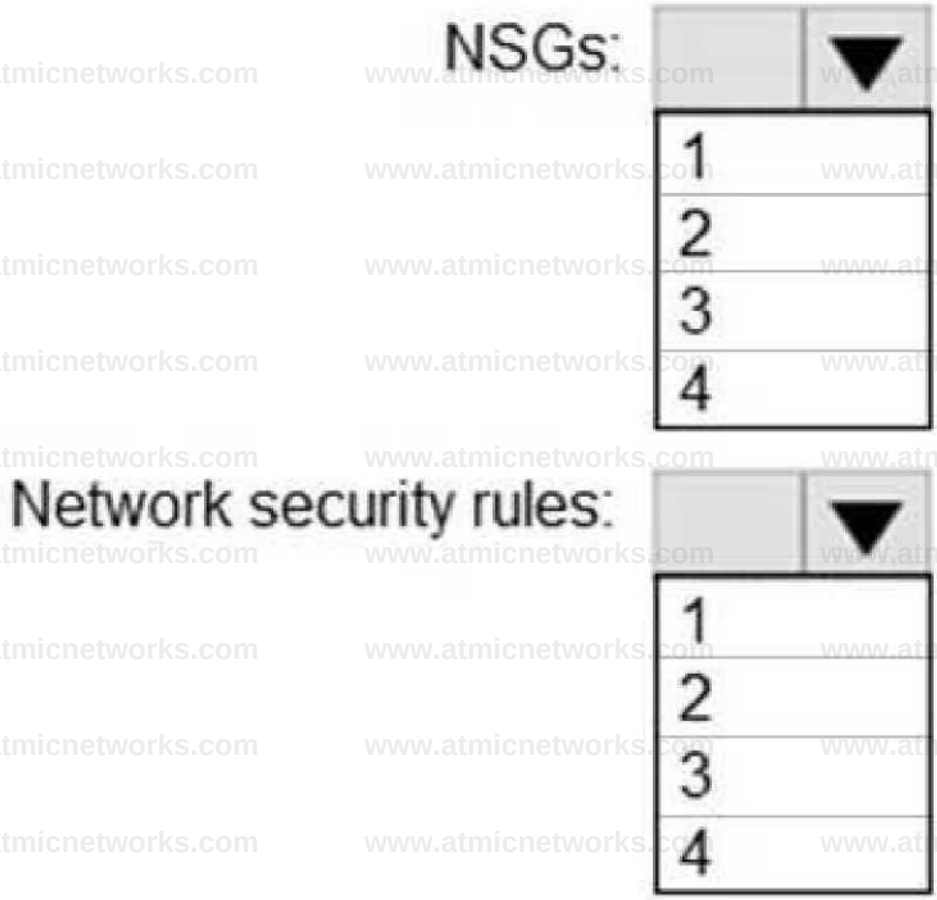


Answer:

Explanation:

NSGs: 1

Network security rules: 3

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

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

Question: 56
HOTSPOT

You have an Azure key vault.

You need to delegate administrative access to the key vault to meet the following requirements:

Provide a user named User1 with the ability to set advanced access policies for the key vault.
Provide a user named User2 with the ability to add and delete certificates in the key vault.
Use the principle of least privilege.

What should you use to assign access to each user? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

User1:

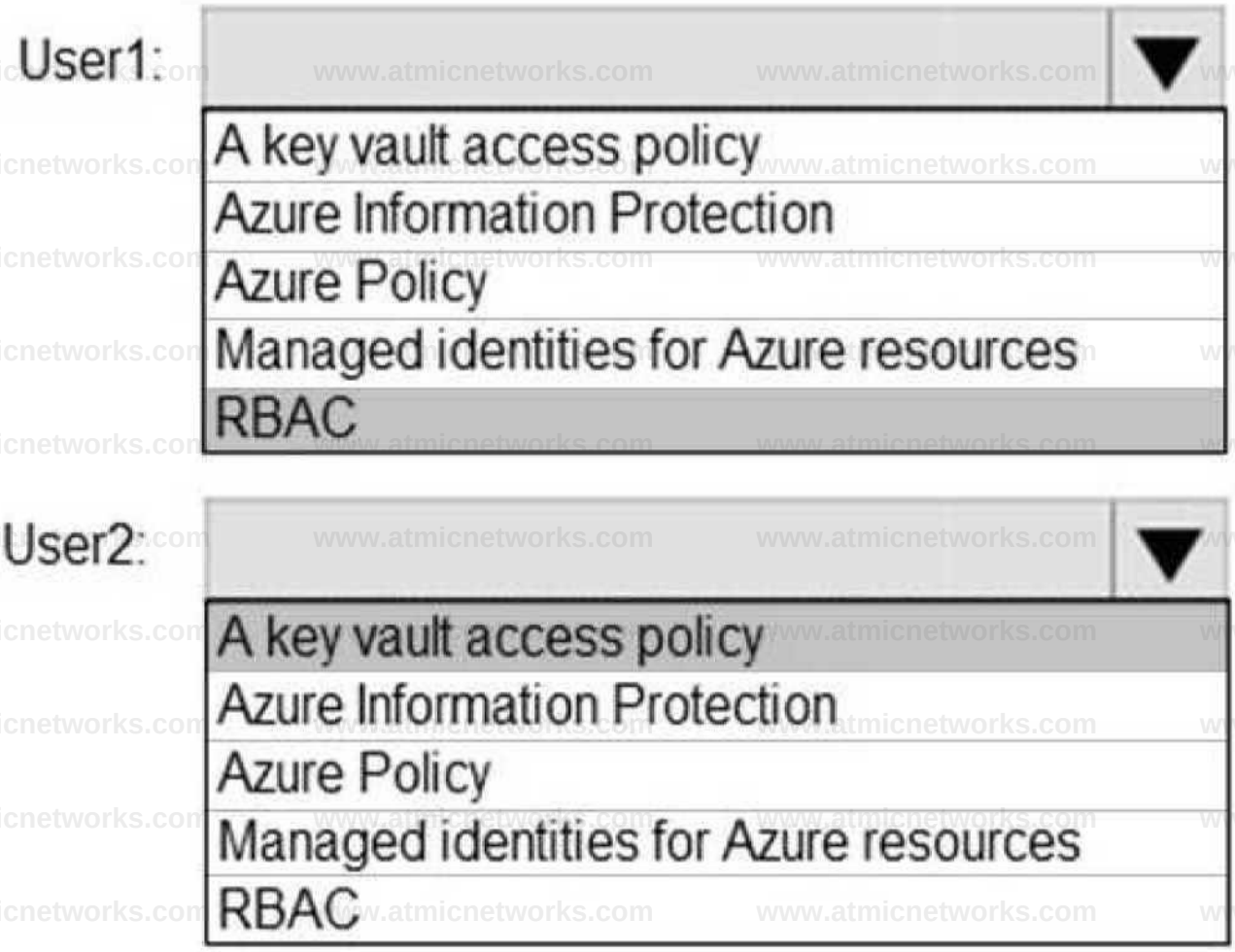
- A key vault access policy
- Azure Information Protection
- Azure Policy
- Managed identities for Azure resources
- RBAC

User2:

- A key vault access policy
- Azure Information Protection
- Azure Policy
- Managed identities for Azure resources
- RBAC

Answer:

Explanation:



User1: RBAC

RBAC is used as the Key Vault access control mechanism for the management plane. It would allow a user with the proper identity to:

set Key Vault access policies

create, read, update, and delete key vaults

set Key Vault tags

Note: Role-based access control (RBAC) is a system that provides fine-grained access management of Azure resources. Using RBAC, you can segregate duties within your team and grant only the amount of access to users that they need to perform their jobs.

User2: A key vault access policy

A key vault access policy is the access control mechanism to get access to the key vault data plane. Key Vault access policies grant permissions separately to keys, secrets, and certificates.

Reference:

https://docs.microsoft.com/en-us/azure/key-vault/key-vault-secure-your-key-vault

Question: 57

HOTSPOT

You have two Azure virtual machines in the East US2 region as shown in the following table.

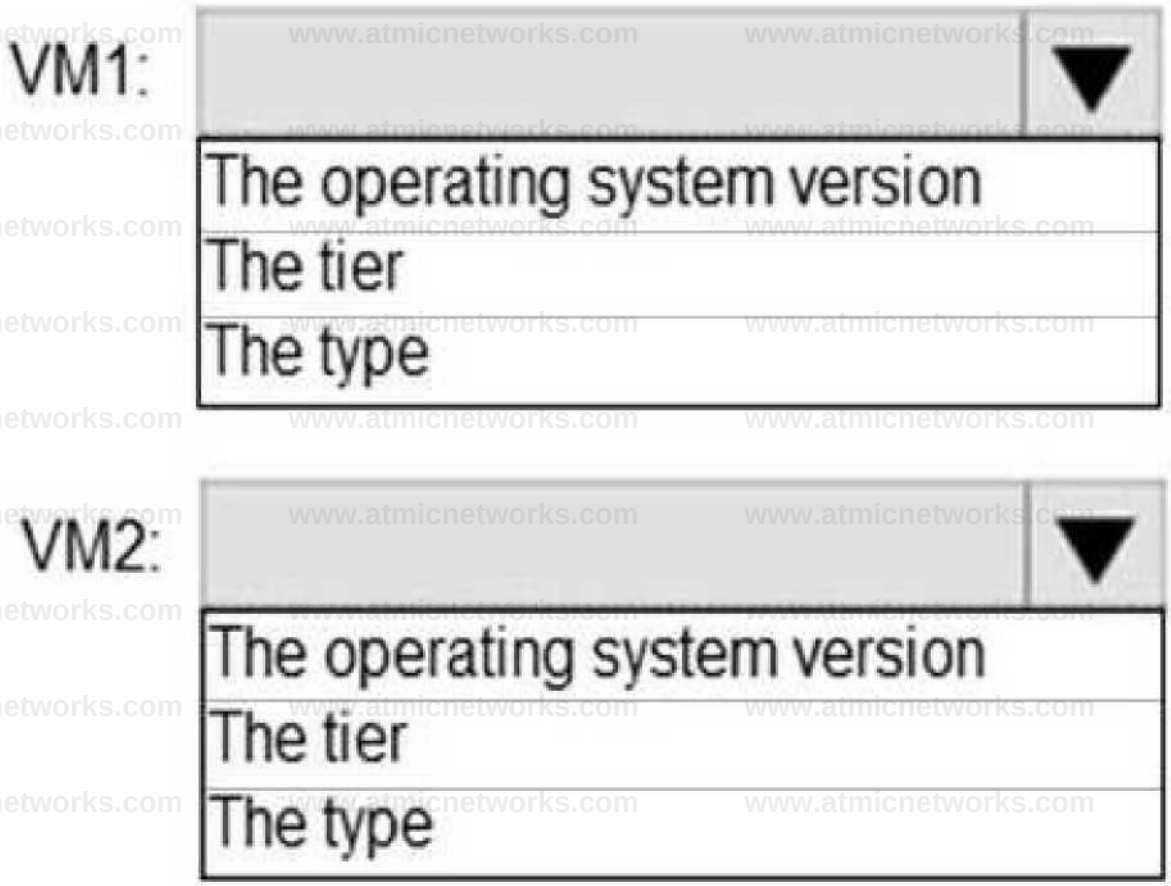
Name	Operating system	Type	Tier
VM1	Windows Server 2008 R2	A3	Basic
VM2	Ubuntu 16.04-DA1LY-LTS	L4s	Standard

You deploy and configure an Azure Key vault.

You need to ensure that you can enable Azure Disk Encryption on VM1 and VM2.

What should you modify on each virtual machine? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.



Answer:

Explanation:

VM1: The Tier

The Tier needs to be upgraded to standard.

Disk Encryption for Windows and Linux IaaS VMs is in General Availability in all Azure public regions and Azure Government regions for Standard VMs and VMs with Azure Premium Storage.

VM2: the operating system

Reference:
https://docs.microsoft.com/en-us/azure/virtual-machines/windows/generation-2#generation-1-vs- generation-2-capabilities

Question: 58

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

Name	Operating system	Region	Resource group
VM1	Windows Server 2012	East US	RG1
VM2	Windows Server 2012 R2	West Europe	RG1
VM3	Windows Server 2016	West Europe	RG2
VM4	Red Hat Enterprise Linux 7.4	East US	RG2

You create an Azure Log Analytics workspace named Analytics1 in RG1 in the East US region.

Which virtual machines can be enrolled in Analytics1?

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

Answer: C

Explanation:

Note: Create a workspace

In the Azure portal, click All services. In the list of resources, type Log Analytics. As you begin typing, the list filters based on your input. Select Log Analytics.

Click Create, and then select choices for the following items:

Provide a name for the new Log Analytics workspace, such as DefaultLAWorkspace. OMS workspaces are now referred to as Log Analytics workspaces.

Select a Subscription to link to by selecting from the drop-down list if the default selected is not appropriate.

For Resource Group, select an existing resource group that contains one or more Azure virtual machines.

Select the Location your VMs are deployed to. For additional information, see which regions Log Analytics is available in.

Incorrect Answers:

B,C,A: Log Analytics workspace provides a geographic location for data storage. VM2 and VM3 are at a different location.

E. VM4 is a different resource group.

Reference:

https://docs.microsoft.com/en-us/azure/azure-monitor/platform/manage-access

Question: 59

You are testing an Azure Kubernetes Service (AKS) cluster. The cluster is configured as shown in the exhibit. (Click the Exhibit tab.)

BASICS

Subscription	Microsoft Azure Sponsorship
Resource group	AzureBackupRG_eastus2_1
Region	East US akscluster2 1.1 1.5
Kubernetes cluster name	akscluster2 3
Kubernetes version	Standard_DS2_v2 Disabled
DNS name prefix	
Node count	
Node size	
Virtual nodes (preview)	
AUTHENTICATION	
Enable RBAC	No
NETWORKING	
HTTP application routing	Yes
Network configuration	Basic
MONITORING	
Enable container monitoriing	No
TAGS	

You plan to deploy the cluster to production. You disable HTTP application routing.

You need to implement application routing that will provide reverse proxy and TLS termination for AKS services by using a single IP address.

What should you do?

A. Create an AKS Ingress controller.
B. Install the container network interface (CNI) plug-in.
C. Create an Azure Standard Load Balancer.
D. Create an Azure Basic Load Balancer.

Answer: A

Explanation:

An ingress controller is a piece of software that provides reverse proxy, configurable traffic routing, and TLS termination for Kubernetes services.

Reference:
https://docs.microsoft.com/en-us/azure/aks/ingress-tls

Question: 60
HOTSPOT

You plan to use Azure Log Analytics to collect logs from 200 servers that run Windows Server 2016.

You need to automate the deployment of the Microsoft Monitoring Agent to all the servers by using an Azure Resource Manager template.

How should you complete the template? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

```
"type" : "Microsoft.Compute/virtualMachines/extensions" "name" : "[concat(parameter('vmname*),
/OMSExtension]", "apiVersion" : "[variables('apiVersion')I ", "location" : " [resourceGroupO . location] ",
"dependsOn" : [
        concat('Microsoft.Compute/virtualMachines/", parameters('vmName'))]

"properties" : {
    "publisher" : "Microsoft.Enterprisecloud.Monitoring" "type" : "MicrosoftMonitoringAgent",
    "typeHandlerVersion" : "1.0", "autoUpgradeMinorVersion" : true, "settings" : (
                                                    [variable( 'vari')]

        AzureADApph call onl D
        'WorkspaceID'
        WorkspaceName'
        'WorkspaceURL'

    "protectedSettings" : {
                                                    : "[variable ('var2')]

    'AzureADApph cati onSec rel' ' St or ageAccount Key' 'WorkspaceID' 'WorkspaceKey'
```

Answer:

Explanation:

```
properties" : {
    "publisher" : "Microsoft.Enterprise
    "type" : "MicrosoftMonitoringAgent
    "typeHandlerversion" : ” "autoUpgradeMinorVersion
    "settings" : {                true.

        "AzureADApplication©* ‘Workspace©' ‘WorkspaceName’ ‘WorkspaceURL’

        "protectedSettings

        ‘ AzureADApph cati onSecret 'StorageAccountKey’ ‘Workspace©’
        ’WorkspaceKey'
    }
```

Reference:
https://blogs.technet.microsoft.com/manageabilityguys/2015/11/19/enabling-the-microsoft- monitoring-agent-in-windows-json-templates/

Question: 61

You have an Azure subscription named Sub1 that is associated to an Azure Active Directory (Azure AD) tenant named contoso.com.
You are assigned the Global administrator role for the tenant. You are responsible for managing Azure Security Center settings.
You need to create a custom sensitivity label.
What should you do first?

A. Create a custom sensitive information type.
B. Elevate access for global administrators in Azure AD.
C. Upgrade the pricing tier of the Security Center to Standard.
D. Enable integration with Microsoft Cloud App Security.

Answer: A

Explanation:

First, you need to create a new sensitive information type because you can't directly modify the default rules.

Reference:
https://docs.microsoft.com/en-us/office365/securitycompliance/customize-a-built-in-sensitive- information-type

Question: 62

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 AcccountType == 'User' and [ ▼ ] ==4625
```

- ActivityID
- DataType
- EventID
- QuantityUnit

```
| Summarie failed_login_attempts= [ ▼ ]
```

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

```
latest_failed_login=arg_max(TimeGenerated by Account
| where failed login attempts > 5
```

Answer:

Explanation:

```
let timeframe = 3d; SecurityEvent | where TimeGenerated >
ago(3d} | where Acccount Type == 'User' and     ▼ –4 625
```

ActivityID DataType
EventID Quantityunit

```
Summarie failed_login_attempts=                ^
```

CountO, CountifQ, Makeset(), SplitQ.

```
latest_failed_login=arg_max(TimeGenerated by Account |
where failed login attempts > 5
```

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

Reference:
https://docs.microsoft.com/en-us/azure/azure-monitor/log-query/examples

Question: 63

You have an Azure subscription named Sub1.
In Azure Security Center, you have a security playbook named Play1. Play1 is configured to send an email message to a user named User1.
You need to modify Play1 to send email messages to a distribution group named Alerts.
What should you use to modify Play1?

A. Azure DevOps
B. Azure Application Insights
C. Azure Monitor
D. Azure Logic Apps Designer

Answer: D

Explanation:

You can change an existing playbook in Security Center to add an action, or conditions. To do that you just need to click on the name of the playbook that you want to change, in the Playbooks tab, and Logic App Designer opens up.

Reference:
https://docs.microsoft.com/en-us/azure/security-center/security-center-playbooks

Question: 64

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: D,E

Explanation:

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

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

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Question: 65

You have an Azure subscription named Sub1 that contains an Azure Log Analytics workspace named LAW1.

You have 100 on-premises servers that run Windows Server 2012 R2 and Windows Server 2016. The servers connect to LAW1. LAW1 is configured to collect security-related performance counters from the connected servers.

You need to configure alerts based on the data collected by LAW1. The solution must meet the following requirements:

Alert rules must support dimensions.

The time it takes to generate an alert must be minimized.

Alert notifications must be generated only once when the alert is generated and once when the alert is resolved.

Which signal type should you use when you create the alert rules?

A. Log

B. Log (Saved Query)

C. Metric

D. Activity Log

Answer: C

Explanation:

Metric alerts in Azure Monitor provide a way to get notified when one of your metrics cross a threshold. Metric alerts work on a range of multi-dimensional platform metrics, custom metrics, Application Insights standard and custom metrics.

Note: Signals are emitted by the target resource and can be of several types. Metric, Activity log, Application Insights, and Log.

Reference:

https://docs.microsoft.com/en-us/azure/azure-monitor/platform/alerts-metric

Question: 66

DRAG DROP

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

Activity log

Logs

Metrics

Service Health

Identify the user who deleted a virtual machine three weeks ago: [ ]

Query the security events of a virtual machine that runs Windows Server 2016: [ ]

Answer:

Explanation:

Identify the user who deleted a virtual machine three weeks ago: Activity log

Query the security events of a virtual machine that runs Windows Server 2016: Logs

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.

Reference:

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

Question: 67

Your company has an Azure subscription named Sub1 that is associated to an Azure Active Directory (Azure AD) tenant named contoso.com.

The company develops an application named App1. App1 is registered in Azure AD.

You need to ensure that App1 can access secrets in Azure Key Vault on behalf of the application users.

What should you configure?

A. an application permission without admin consent

B. a delegated permission without admin consent

C. a delegated permission that requires admin consent

D. an application permission that requires admin consent

Answer: B

Explanation:

Delegated permissions - Your client application needs to access the web API as the signed-in user, but with access limited by the selected permission. This type of permission can be granted by a user unless the permission requires administrator consent.

Incorrect Answers:

A,D: Application permissions - Your client application needs to access the web API directly as itself

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(no user context). This type of permission requires administrator consent and is also not available for public (desktop and mobile) client applications.

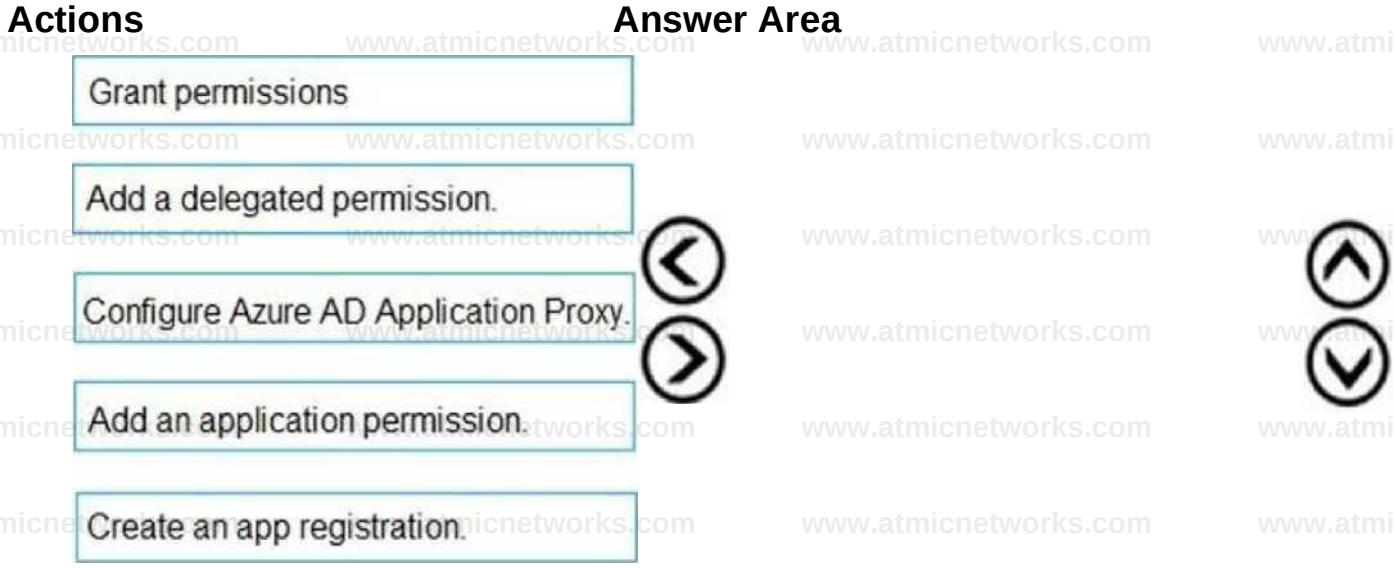
Reference:
https://docs.microsoft.com/en-us/azure/active-directory/develop/quickstart-configure-app-access-web-apis

Question: 68
DRAG DROP

Your company has an Azure Active Directory (Azure AD) tenant named contoso.com.

The company is developing an application named App1. App1 will run as a service on server that runs Windows Server 2016. App1 will authenticate to contoso.com and access Microsoft Graph to read directory data.
You need to delegate the minimum required permissions to App1.

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



Answer:

Explanation:

Step 1: Create an app registration
First the application must be created/registered.

Step 2: Add an application permission
Application permissions are used by apps that run without a signed-in user present.

Step 3: Grant permissions

Reference:
https://docs.microsoft.com/en-us/azure/active-directory/develop/v2-permissions-and-consent

Question: 69

Your company has an Azure subscription named Sub1 that is associated to an Azure Active Directory Azure (Azure AD) tenant named contoso.com.
The company develops a mobile application named App1. App1 uses the OAuth 2 implicit grant type to acquire Azure AD access tokens.
You need to register App1 in Azure AD.
What information should you obtain from the developer to register the application?

A. a redirect URI
B. a reply URL
C. a key
D. an application ID

Answer: A

Explanation:

For Native Applications you need to provide a Redirect URI, which Azure AD will use to return token responses.
Reference:
https://docs.microsoft.com/en-us/azure/active-directory/develop/v1-protocols-oauth-code

Question: 70

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

Question: 71

HOTSPOT

You have an Azure subscription named Sub1 that is associated to an Azure Active Directory (Azure AD) tenant named contoso.com.

You plan to implement an application that will consist of the resources shown in the following table.

Name	Type	Description
CosmosDB Account!	Azure Cosmos DB account	A Cosmos DB account containing a database Named CosmosDB 1 that serves as a back-end tier of the application
WebAppl	Azure web app	A web app configured to serve as the middle tier of the application

Users will authenticate by using their Azure AD user account and access the Cosmos DB account by using resource tokens.

You need to identify which tasks will be implemented in CosmosDB1 and WebApp1.

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

NOTE: Each correct selection is worth one point.

CosmosDBI:

Authenticate Azure AD users and generate resource

Authenticate Azure AD users and relay resource tokens

Create database users and generate resource tokens.

Web App 1:

Authenticate Azure AD users and generate resource

Authenticate Azure AD users and relay resource tokens.

Create database users and generate resource tokens.

Answer:

Explanation:

CosmosDBI:

Authenticate Azure AD users and generate resource tokens.

Authenticate Azure AD users and relay resource tokens.

WebAppI:

Authenticate Azure AD users and generate resource

Authenticate Azure AD users and relay resource tokens.

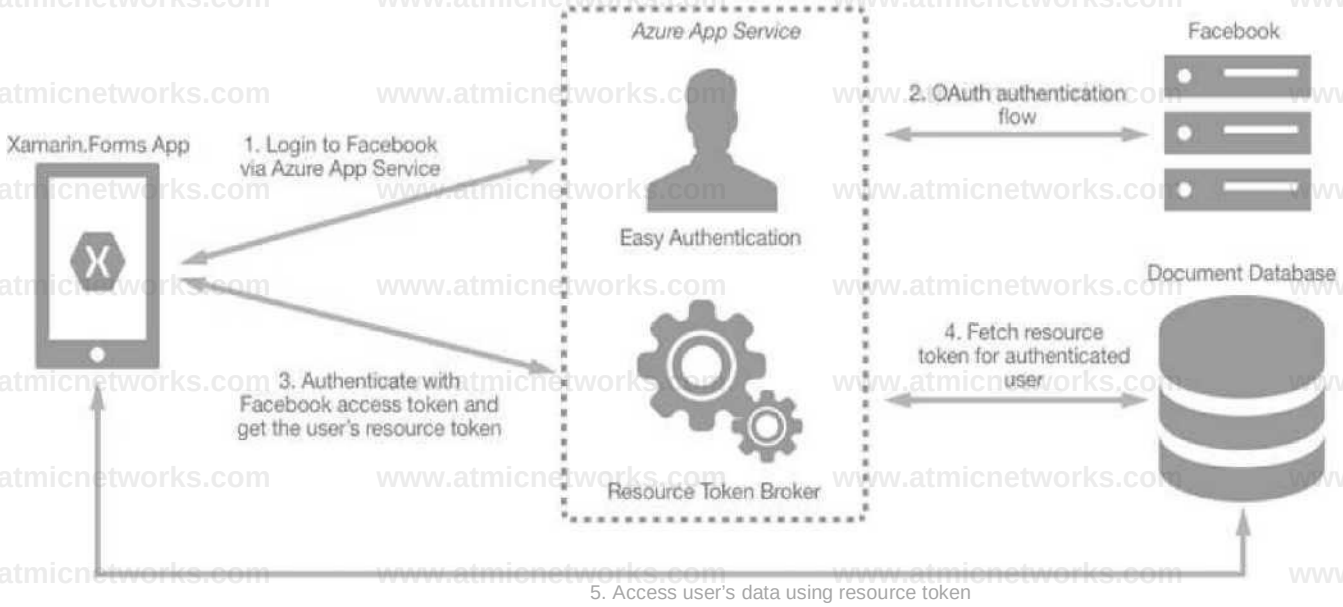
Create database users and generate resource tokens.

CosmosDB1: Create database users and generate resource tokens.

Azure Cosmos DB resource tokens provide a safe mechanism for allowing clients to read, write, and delete specific resources in an Azure Cosmos DB account according to the granted permissions.

WebApp1: Authenticate Azure AD users and relay resource tokens

A typical approach to requesting, generating, and delivering resource tokens to a mobile application is to use a resource token broker. The following diagram shows a high-level overview of how the sample application uses a resource token broker to manage access to the document database data:



Reference:

https://docs.microsoft.com/en-us/xamarin/xamarin-forms/data-cloud/cosmosdb/authentication

Question: 72

HOTSPOT

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	-Confirm
-EnablePurgeProtection	-DefaultProfile
-Tag	-EnableSoftDelete
	-SKU

Answer:

Explanation:

```
New-AzureRmKeyVault  -VaultName 'KeyVault1' -ResourceGroupName 'RG1'
-Location 'East US'
```

-EnabledForDeployment	-Confirm
-EnablePurgeProtection	-DefaultProfile
-Tag	-EnableSoftDelete
	-SKU

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.

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

Question: 73

You have an Azure subscription that contains an Azure key vault named Vault1.
In Vault1, you create a secret named Secret1.
An application developer registers an application in Azure Active Directory (Azure AD).
You need to ensure that the application can use Secret1.
What should you do?

A. In Azure AD, create a role.
B. In Azure Key Vault, create a key.
C. In Azure Key Vault, create an access policy.
D. In Azure AD, enable Azure AD Application Proxy.

Answer: C

Explanation:

"You may need to configure the target resource to allow access from your application. For example, if you request a token to Key Vault, you need to make sure you have added an access policy that includes your application's identity. Otherwise, your calls to Key Vault will be rejected, even if they include the token" https://docs.microsoft.com/en-us/azure/app-service/overview-managed- identity?tabs=dotnet

Question: 74

You have an Azure SQL database.
You implement Always Encrypted.
You need to ensure that application developers can retrieve and decrypt data in the database.
Nantes's of information should you provide to the developers? Each correct answer presents part of the solution.
NOTE: Each correct selection is worth one point.

A. a stored access policy
B. a shared access signature (SAS)

C. the column encryption key
D. user credentials
E. the column master key

Answer: C,E

Explanation:

Always Encrypted uses two types of keys: column encryption keys and column master keys. A column encryption key is used to encrypt data in an encrypted column. A column master key is a keyprotecting key that encrypts one or more column encryption keys.

Reference:
https://docs.microsoft.com/en-us/sql/relational-databases/security/encryption/always-encrypted- database-engine

Question: 75

You have a hybrid configuration of Azure Active Directory (Azure AD).
All users have computers that run Windows 10 and are hybrid Azure AD joined.
You have an Azure SQL database that is configured to support Azure AD authentication.
Database developers must connect to the SQL database by using Microsoft SQL Server Management Studio (SSMS) and authenticate by using their on-premises Active Directory account.
You need to tell the developers which authentication method to use to connect to the SQL database from SSMS. The solution must minimize authentication prompts.
Which authentication method should you instruct the developers to use?

A. SQL Login
B. Active Directory – Universal with MFA support
C. Active Directory – Integrated
D. Active Directory – Password

Answer: C

Explanation:

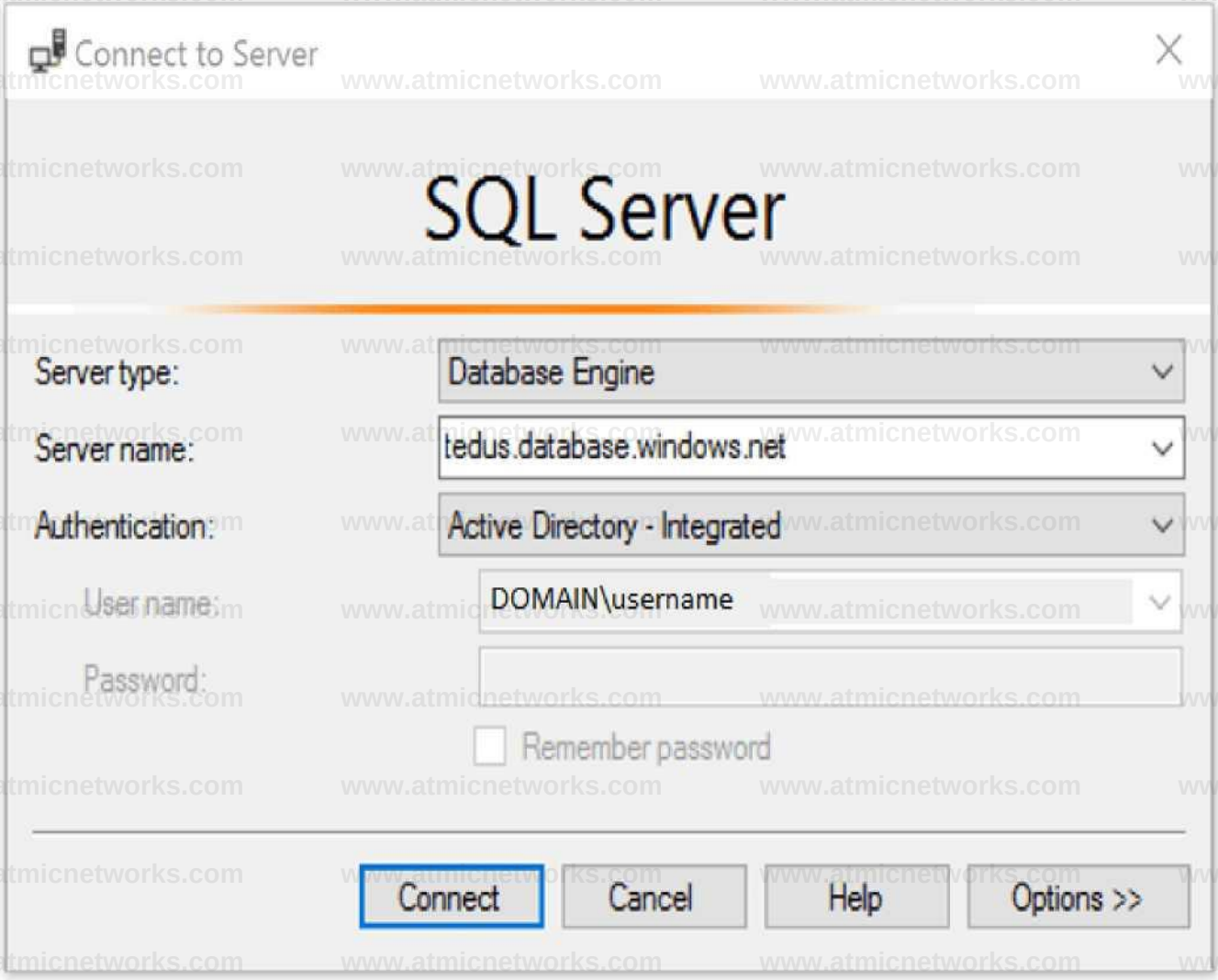
Azure AD can be the initial Azure AD managed domain. Azure AD can also be an on-premises Active Directory Domain Services that is federated with the Azure AD.

Using an Azure AD identity to connect using SSMS or SSDT
The following procedures show you how to connect to a SQL database with an Azure AD identity using SQL Server Management Studio or SQL Server Database Tools.

Active Directory integrated authentication

Use this method if you are logged in to Windows using your Azure Active Directory credentials from a federated domain.

1. Start Management Studio or Data Tools and in the Connect to Server (or Connect to Database Engine) dialog box, in the Authentication box, select Active Directory - Integrated. No password is needed or can be entered because your existing credentials will be presented for the connection.



2. Select the Options button, and on the Connection Properties page, in the Connect to database box, type the name of the user database you want to connect to. (The AD domain name or tenant ID" option is only supported for Universal with MFA connection options, otherwise it is greyed out.)

Reference:

https://github.com/MicrosoftDocs/azure-docs/blob/master/articles/sql-database/sql-database-aad- authentication-configure.md

Question: 76

DRAG DROP

You have an Azure subscription named Sub1 that contains an Azure Storage account named

Contosostorage1 and an Azure key vault named Contosokeyvault1.

You plan to create an Azure Automation runbook that will rotate the keys of Contosostorage1 and store them in Contosokeyvault1.

You need to implement prerequisites to ensure that you can implement the runbook.

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
Run Set-AzureRmKeyVaultAccessPolicy	
Create an Azure Automation account	
Import PowerShell modules to the Azure Automation account	
Create a user-assigned managed identity	
Create a connection resource in the Azure Automation account.	

Answer:

Explanation:

Create an Azure Automation account.

Import PowerShell modules to the Azure Automation account.

Create a connection resource in the Azure Automation account.

Step 1: Create an Azure Automation account
Runbooks live within the Azure Automation account and can execute PowerShell scripts.

Step 2: Import PowerShell modules to the Azure Automation account
Under 'Assets' from the Azure Automation account Resources section select 'to add in Modules to the runbook. To execute key vault cmdlets in the runbook, we need to add AzureRM.profile and AzureRM.key vault.

Step 3: Create a connection resource in the Azure Automation account
You can use the sample code below, taken from the AzureAutomationTutorialScript example runbook, to authenticate using the Run As account to manage Resource Manager resources with your runbooks. The AzureRunAsConnection is a connection asset automatically created when we created 'run as accounts' above. This can be found under Assets -> Connections. After the authentication code, run the same code above to get all the keys from the vault.

```
$connectionName = "AzureRunAsConnection" try
{
# Get the connection "AzureRunAsConnection "
$servicePrincipalConnection=Get-AutomationConnection -Name $connectionName

"Logging in to Azure..."
Add-AzureRmAccount `
-ServicePrincipal `
-TenantId $servicePrincipalConnection.TenantId `
-ApplicationId $servicePrincipalConnection.ApplicationId `
-CertificateThumbprint $servicePrincipalConnection.CertificateThumbprint }
```

Reference:
https://www.rahulpnath.com/blog/accessing-azure-key-vault-from-azure-runbook/

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Question: 77

You have an Azure SQL Database server named SQL1.
You plan to turn on Advanced Threat Protection for SQL1 to detect all threat detection types.

Which action will Advanced Threat Protection detect as a threat?

A. A user updates more than 50 percent of the records in a table.
B. A user attempts to sign as SELECT * from table1.
C. A user is added to the db_owner database role.
D. A user deletes more than 100 records from the same table.

Answer: B

Explanation:

Advanced Threat Protection can detect potential SQL injections: This alert is triggered when an active exploit happens against an identified application vulnerability to SQL injection. This means the attacker is trying to inject malicious SQL statements using the vulnerable application code or stored procedures.

Reference:

https://docs.microsoft.com/en-us/azure/sql-database/sql-database-threat-detection-overview

Question: 78

HOTSPOT

You have the Azure Information Protection conditions shown in the following table.

Name	Pattern	Case sensitivity
Condition 1	White	On
Condition2	Black	Off

You have the Azure Information Protection labels shown in the following table.

Name	Applies to	Use label	Set the default label
Global	*Not applicable*	*None*	None
Policy 1	Useri	Label 1	None
Policy2	Useri	Label2	None

You need to identify how Azure Information Protection will label files.

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

NOTE: Each correct selection is worth one point.

If User1 creates a Microsoft Word file that includes the text "Black and White", the file will be assigned:

- No label
- Label1 only
- Label2 only
- Label1 and Label2

If User1 creates a Microsoft Notepad file that includes the text "Black or white", the file will be assigned:

- No label
- Label1 only
- Label2 only
- Label1 and Label2

Answer:

Explanation:

If User1 creates a Microsoft Word file that includes the text "Black and White", the file will be assigned:

- No label
- Label1 only
- **Label2 only**
- Label1 and Label2

If User1 creates a Microsoft Notepad file that includes the text "Black or white", the file will be assigned:

- **No label**
- Label1 only
- Label2 only
- Label1 and Label2

Box 1: Label 2 only

How multiple conditions are evaluated when they apply to more than one label

The labels are ordered for evaluation, according to their position that you specify in the policy: The label positioned first has the lowest position (least sensitive) and the label positioned last has the highest position (most sensitive).

The most sensitive label is applied.

The last sublabel is applied.

Box 2: No Label

Automatic classification applies to Word, Excel, and PowerPoint when documents are saved, and apply to Outlook when emails are sent. Automatic classification does not apply to Microsoft Notepad.

Reference:

https://docs.microsoft.com/en-us/azure/information-protection/configure-policy-classification

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Question: 79

Your company uses Azure DevOps.

You need to recommend a method to validate whether the code meets the company's quality standards and code review standards.

What should you recommend implementing in Azure DevOps?

A. branch folders
B. branch permissions
C. branch policies
D. branch locking

Answer: C

Explanation:

Branch policies help teams protect their important branches of development. Policies enforce your team's code quality and change management standards.

Reference:
https://docs.microsoft.com/en-us/azure/devops/repos/git/branch-policies?view=azuredevops&viewFallbackFrom=vsts

Question: 80

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 create a lock on Sa1.

Does this meet the goal?

A. Yes
B. No

Answer: B

Explanation:

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.

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

Question: 81

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 (Azure AD).

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 Azure Active Directory Domain Services (Azure AD DS) to the Azure subscription.

Does this meet the goal?

A. Yes
B. No

Answer: A

Explanation:

Reference:
https://docs.microsoft.com/en-us/azure/hdinsight/domain-joined/apache-domain-joined-configure- using-azure-adds

Question: 82

Your network contains an Active Directory forest named contoso.com. You have an Azure Directory (Azure AD) tenant named contoso.com.

You plan to configure synchronization by using the Express Settings installation option in Azure AD Connect.

You need to identify which roles and groups are required to perform the planned configurations. The solution must use the principle of least privilege.

Which two roles and groups should you identify? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

A. the Domain Admins group in Active Directory
B. the Security administrator role in Azure AD
C. the Global administrator role in Azure AD
D. the User administrator role in Azure AD
E. the Enterprise Admins group in Active Directory

Answer: C,E

Explanation:

Reference:

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

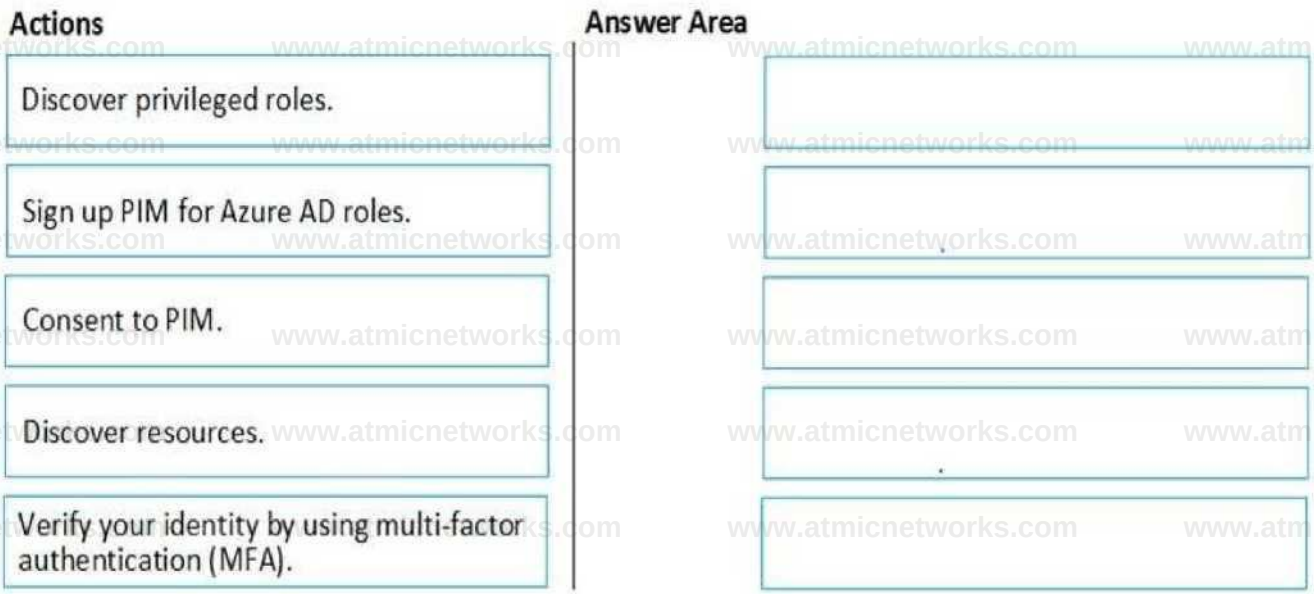
Question: 83

DRAG DROP

You create an Azure subscription with Azure AD Premium P2.

You need to ensure that you can use Azure Active Directory (Azure AD) Privileged Identity Management (PIM) to secure Azure roles.

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.



Answer:

Explanation:

1. Verify your identity with MFA
2. Consent to PIM
3. Sign up PIM for AAD Roles

Question: 84

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 definition and assignments that are scoped to resource groups.

Does this meet the goal?

A. Yes
B. No

Answer: B

Explanation:

Reference:
https://4sysops.com/archives/apply-governance-policy-to-multiple-azure-subscriptions-with- management-groups/

Question: 85

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 resource graph and an assignment that is scoped to a management group.

Does this meet the goal?

A. Yes
B. No

Answer: A

Explanation:
Reference:
https://docs.microsoft.com/en-us/azure/governance/management-groups/create

Question: 86

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 add an extension to each virtual machine.

Does this meet the goal?

A. Yes
B. No

Answer: A

Explanation:

You can use Visual Studio to enable and configure the Microsoft Antimalware service. This entails selecting Microsoft Antimalware extension from the dropdown list under Installed Extensions and click Add to configure with default antimalware configuration.

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

Question: 87

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.

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

Question: 88

From Azure Security, you create a custom alert rule.
You need to configure which users will receive an email message when the alert is triggered.
What should you do?

A. From Azure Monitor, create an action group.
B. From Security Center, modify the Security policy settings of the Azure subscription.
C. From Azure Active Directory (Azure AD). modify the members of the Security Reader role group.
D. From Security Center, modify the alert rule.

Answer: A

Explanation:

Reference:
https://docs.microsoft.com/en-us/azure/azure-monitor/platform/action-groups

Question: 89

HOTSPOT

You create an alert rule that has the following settings:

Resource: RG1
Condition: All Administrative operations
Actions: Action groups configured for this alert rule: ActionGroup1
Alert rule name: Alert1

You create an action rule that has the following settings:

Scope: VM1
Filter criteria: Resource Type = "Virtual Machines"
Define on this scope: Suppression
Suppression config: From now (always)
Name: ActionRule1

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 you start VM1, an alert is triggered.	○	○
If you start VM2, an alert is triggered.	○	○
If you add a tag to RG1, an alert is triggered.	○	○

Answer:

Explanation:

Statements	Yes	No
If you start VM1, an alert is triggered.	○	○
If you start VM2, an alert is triggered.	○	○
If you add a tag to RG1, an alert is triggered.	○	○

Box 1:
The scope for the action rule is set to VM1 and is set to suppress alerts indefinitely.

Box 2:
The scope for the action rule is not set to VM2.

Box 3:
Adding a tag is not an administrative operation.

Reference:
https://docs.microsoft.com/en-us/azure/azure-monitor/platform/alerts-activity-log

https://docs.microsoft.com/en-us/azure/azure-monitor/platform/alerts-action-rules

Question: 90
DRAG DROP

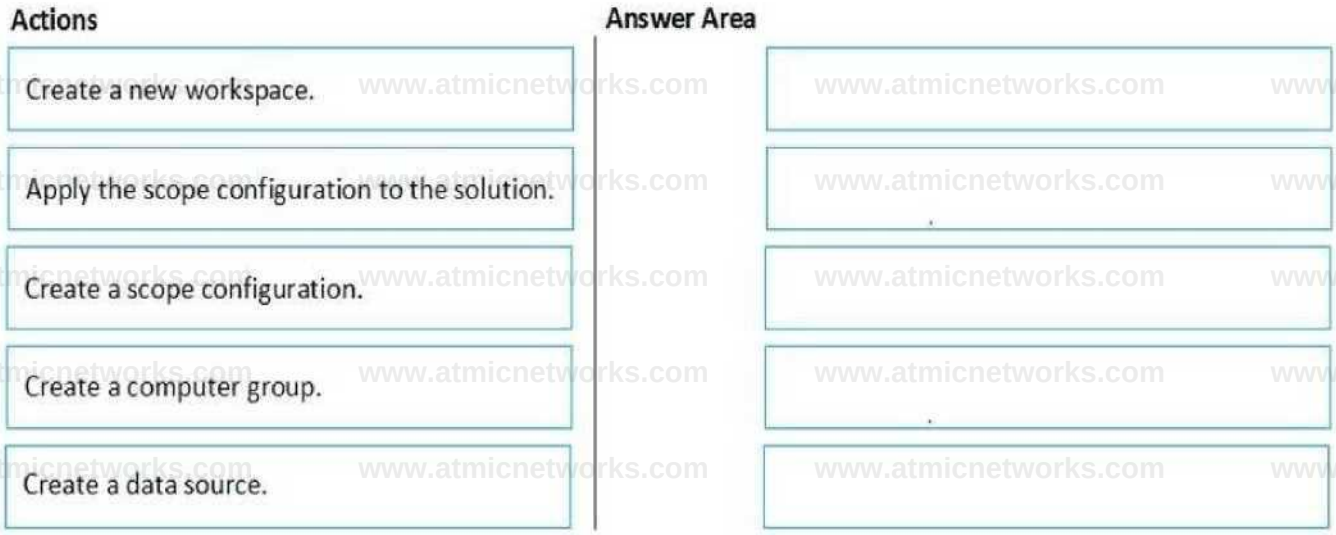
You have an Azure subscription named Sub1 that contains an Azure Log Analytics workspace named LAW1.

You have 500 Azure virtual machines that run Windows Server 2016 and are enrolled in LAW1.

You plan to add the System Update Assessment solution to LAW1.

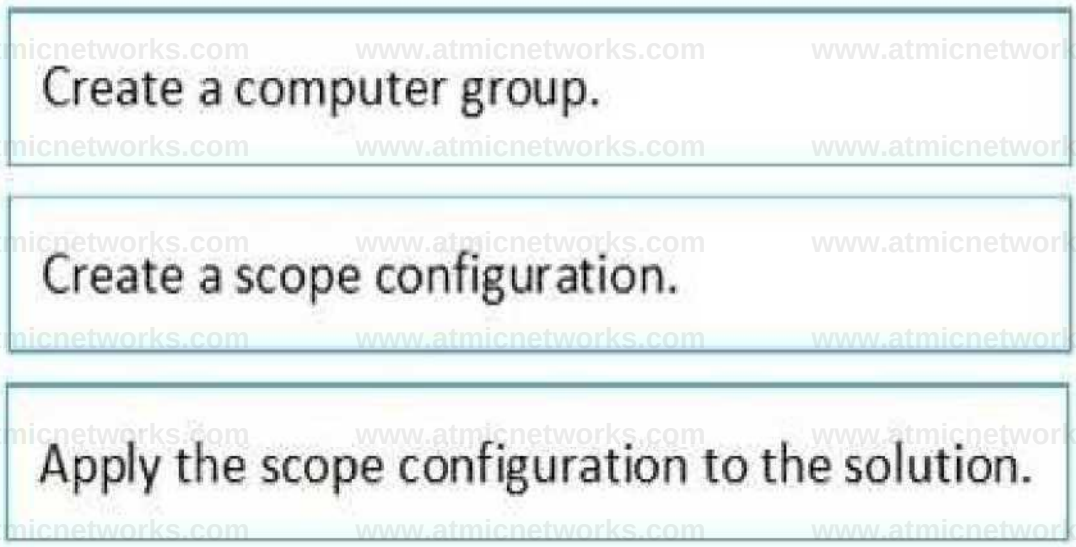
You need to ensure that System Update Assessment-related logs are uploaded to LAW1 from 100 of the virtual machines only.

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.



Answer:

Explanation:



Reference:
https://docs.microsoft.com/en-us/azure/azure-monitor/insights/solution-targeting

Question: 91
DRAG DROP

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

Answer Area

Configure secrets for the Azure key vault.

Create an Azure key vault.

Run Set-AzureRsScorageAccount.

Configure access policies for the Azure key vault.

Runset-AzureRaVaoiskEncryptionExtension.

Answer:

Explanation:

Create an Anne key vault

Configure access policies tor the Azure key vault

Hull Set AzutekT-VrOiskErcc; yj ti&nExten^ ion *

Reference:

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

Question: 92

You have an Azure subscription that contains a virtual machine named VM1.

You create an Azure key vault that has the following configurations:

Name: Vault5
Region: West US
Resource group: RG1

You need to use Vault5 to enable Azure Disk Encryption on VM1. The solution must support backing up VM1 by using Azure Backup.

Which key vault settings should you configure?

A. Access policies
B. Secrets
C. Keys
D. Locks

Answer: A

Explanation:
Reference:
https://docs.microsoft.com/en-us/azure/key-vault/key-vault-secure-your-key-vault

Question: 93

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

Name	Type	Region	Resource group
Sal	Azure Storage account	East US	RG1
VM1	Azure virtual machine	East US	RG2
KV1	Azure key vault	East US 2	RG1
SQL1	Azure SQL database	East US 2	RG2

You need to ensure that you can provide VM1 with secure access to a database on SQL1 by using a contained database user.

What should you do?

A. Enable a managed service identity on VM1.
B. Create a secret in KV1.
C. Configure a service endpoint on SQL1.
D. Create a key in KV1.

Answer: A

Explanation:

https://docs.microsoft.com/en-us/azure/active-directory/managed-identities-azure- resources/tutorial-windows-vm-access-sql

Question: 94

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 rt 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 Sal by using several shared access signatures {SASs) and stored access policies.

You discover that unauthorized users accessed both the rile service and the blob service.

You need to revoke all access to Sa1.

Solution: You regenerate the access keys.

Does this meet the goal?

A. Yes

B. No

Answer: A

Explanation:

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 effects all of the shared access signatures associated with it.

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

Question: 95

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

Explanation:

Question: 96

You have an Azure subscription named Sub1 that contains the Azure key vaults shown in the following table.

Name	Region	Resource group
Vault!	West Europe	RG1
Vault/	East US	RG1
Vaults	West Europe	RG2
Vault-4	East US	RG2

In Sub1, you create a virtual machine that has the following configurations:

- Name:VM1
- Size: DS2v2
- Resource group: RG1
- Region: West Europe
- Operating system: Windows Server 2016

You plan to enable Azure Disk Encryption on VM1.

In which key vaults can you store the encryption key for VM1?

A. Vault1 or Vault3 only
B. Vault1, Vault2, Vault3, or Vault4
C. Vault1 only
D. Vault1 or Vault2 only

Answer: C

Explanation:

"Your key vault and VMs must be in the same subscription. Also, to ensure that encryption secrets don't cross regional boundaries, Azure Disk Encryption requires the Key Vault and the VMs to be colocated in the same region."

https://docs.microsoft.com/en-us/azure/virtual- machines/windows/disk-encryption-key-vault

Question: 97

You have an Azure web app named webapp1.

You need to configure continuous deployment for webapp1 by using an Azure Repo.

What should you create first?

A. an Azure Application Insights service
B. an Azure DevOps organization
C. an Azure Storage account
D. an Azure DevTest Labs lab

Answer: B

Explanation:

Question: 98

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 (Azure AD).

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 an Azure AD Application Proxy.

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.

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

Question: 99
HOTSPOT

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
Userl	None	Disabled
User?	Groupl	Disabled
user 3	Groupl	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 Userl signs in, the user is assigned the fessword 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.	○	○

Answer:

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/es-es/azure/active-directory/privileged-identity-management/pim- deployment-plan (Require approval section)

Question: 100

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 onpremises 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:

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

Question: 101

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#reference-secrets-with-dynamic-id

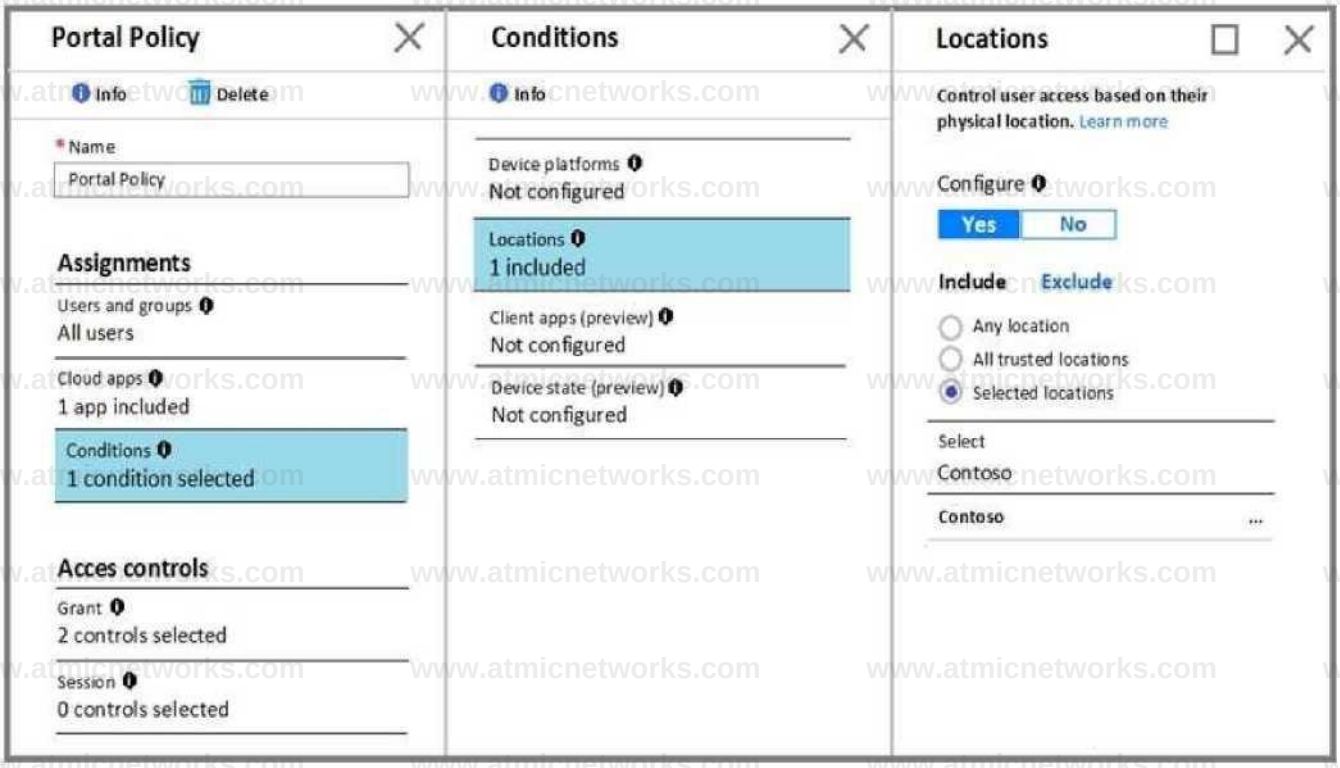
Question: 102

HOTSPOT

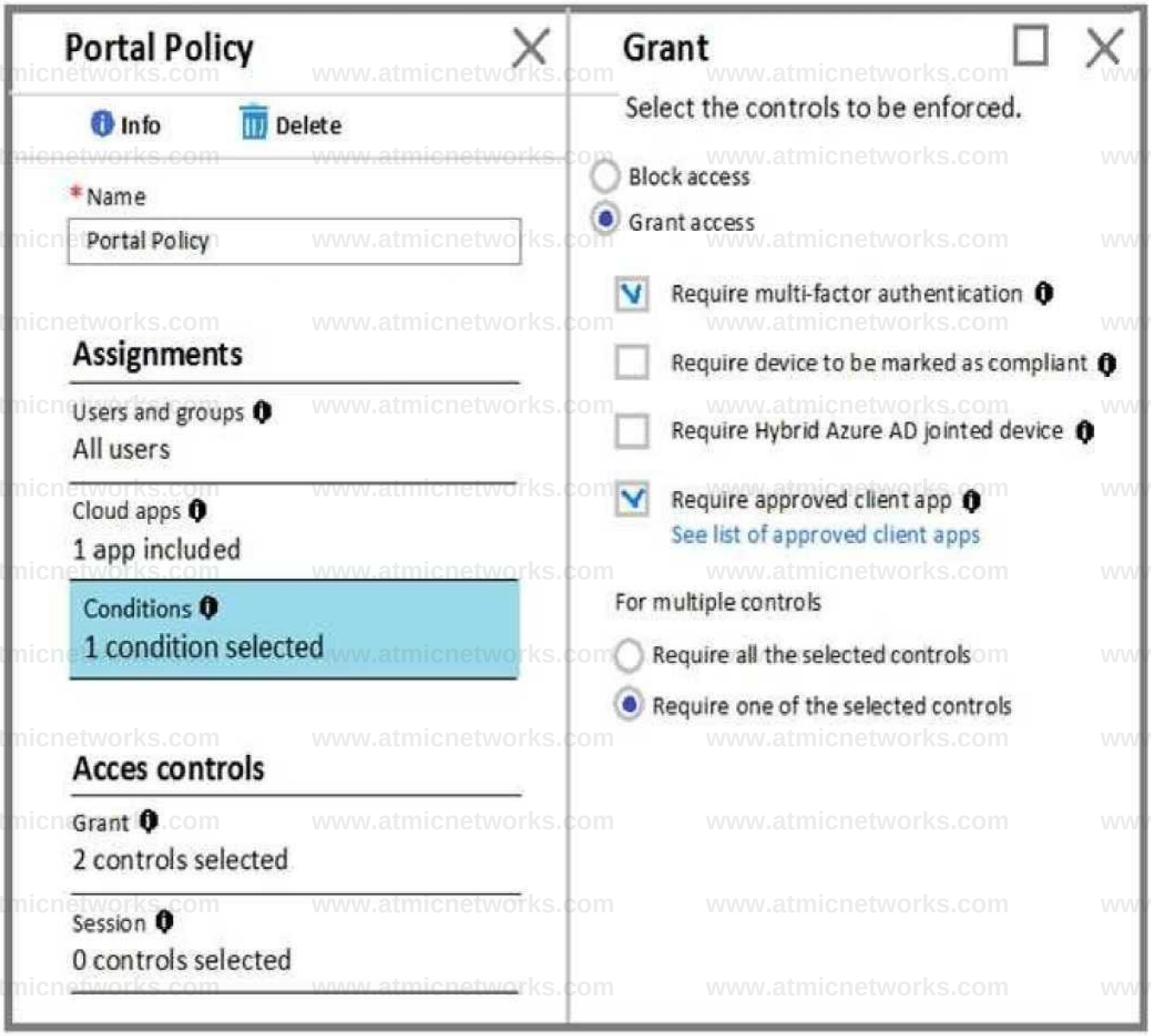
You create a new Azure subscription that is associated to a new Azure Active Directory (Azure AD) tenant.

You create one active conditional access policy named Portal Policy. Portal Policy is used to provide access to the Microsoft Azure Management cloud app.

The Conditions settings for Portal Policy are configured as shown in the Conditions exhibit. (Click the Conditions tab.)



The Grant settings for Portal Policy are configured as shown in the Grant exhibit. (Click the Grant tab.)



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

NOTE: Each correct selection is worth one point.

Statements	Yes	No
Users from the Contoso named location must use multi-factor authentication (MFA) to access the Azure portal.	Q	Q
Users from the Contoso named location must use multi-factor authentication (MFA) to access the web services hosted in the Azure subscription.	Q	Q
Users external to the Contoso named location must use multi-factor authentication (MFA) to access the Azure portal.	Q	Q

Answer:

Explanation:

Box 1: No
The Contoso location is excluded

Box 2: NO

Box 3: NO

Reference:
https://docs.microsoft.com/en-us/azure/active-directory/conditional-access/location-condition

Question: 103
You have an Azure subscription named Sub1 that is associated to an Azure Active Directory (Azure AD)
tenant named contoso.com.
An administrator named Admin1 has access to the following identities:
An OpenID-enabled user account
A Hotmail account
An account in contoso.com
An account in an Azure AD tenant named fabrikam.com
You plan to use Azure Account Center to transfer the ownership of Sub1 to Admin1.
To which accounts can you transfer the ownership of Sub1?
A. contoso.com only
B. contoso.com, fabrikam.com, and Hotmail only
C. contoso.com and fabrikam.com only
D. contoso.com, fabrikam.com, Hotmail, and OpenID-enabled user account

Answer: C

Explanation:
When you transfer billing ownership of your subscription to an account in another Azure AD tenant, you can move the subscription to the new account's tenant. If you do so, all users, groups, or service principals who had role based access (RBAC) to manage subscriptions and its resources lose their access. Only the user in the new account who accepts your transfer request will have access to manage the resources.
Reference:
https://docs.microsoft.com/en-us/azure/billing/billing-subscription-transfer
https://docs.microsoft.com/en-us/azure/billing/billing-subscription-transfer#transferring- subscription-to-anaccount-in-another-azure-ad-tenant

Question: 104
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

Question: 105

You are configuring and securing a network environment.

You deploy an Azure virtual machine named VM1 that is configured to analyze network traffic.

You need to ensure that all network traffic is routed through VM1.

What should you configure?

A. a system route
B. a network security group (NSG)
C. a user-defined route

Answer: C

Explanation:

Although the use of system routes facilitates traffic automatically for your deployment, there are cases in which you want to control the routing of packets through a virtual appliance. You can do so by creating user defined routes that specify the next hop for packets flowing to a specific subnet to go to your virtual appliance instead, and enabling IP forwarding for the VM running as the virtual appliance.

Note: User Defined Routes

For most environments you will only need the system routes already defined by Azure. However, you may need to create a route table and add one or more routes in specific cases, such as: Force tunneling to the Internet via your on-premises network.

Use of virtual appliances in your Azure environment.

In the scenarios above, you will have to create a route table and add user defined routes to it.

Reference:

https://github.com/uglide/azure-content/blob/master/articles/virtual-network/virtual-networks- udr-overview.md

Question: 106

HOTSPOT

You have a network security group (NSG) bound to an Azure subnet.

You run Get-AzureRmNetworkSecurityRuleConfig and receive the output shown in the following exhibit.

```
Name                                        :  DenyStorageAccess
Description Protocol SourcePortRange        :
DestinationPortRange SourceAddressPrefix    :  *
DestinationAddressPrefix                    :  {*}
SourceApplicationSecurityGroups             :  {*}
DestinationApplicationSecurityGroups        :  {*}
Access                                      :  {Storage}
Priority Direction                          :  []
                                            :  []
                                            :  Deny 105
                                            :  Outbound
                                            :

Name ProvisionlngState Description          :  S torageEA2Allow
Protocol SourcePortRange                    :  Succeeded
DestinationPortRange SourceAddressPrefix    :
DestinationAddressPrefix                    :  *
SourceApplicationSecurityGroups             :  {*}
DestinationApplicationSecurityGroups        :  {443}
Access Priority Direction                   :  {*}
                                            :  {Storage/EastUS2}
                                            :  []
                                            :  []
                                            :  Allow 104
                                            :  Outbound
                                            :
                                            :
Name                                        :  Contoso_FTP
Description Protocol SourcePortRange        :
DestinationPortRange SourceAddressPrefix    :  TCP
DestinationAddressPrefix                    :  {*}
SourceApplicationSecurityGroups             :  {21}
DestinationApplicationSecurityGroups        :  {1.2.3.4/32}
Access Priority Direction                   :  {10.0.0.5/32}
                                            :  []
                                            :  []
                                            :  Allow
                                            :  504
                                            :  Inbound
```

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.

Traffic destined for an Azure Storage account is **[answer choice]**.

- able to connect to East US
- able to connect to East US 2
- able to connect to West Europe
- prevented from connecting to all regions

FTP connections from 1.2.3.4 to 10.0.0.10/32 are **[answer choice]**.

- allowed
- dropped
- forwarded

Answer:

Explanation:

Box 1: able to connect to East US 2

The StorageEA2Allow has DestinationAddressPrefix {Storage/EastUS2}

Box 2: dropped

Reference:

https://docs.microsoft.com/en-us/azure/virtual-network/manage-network-security-group

Question: 107

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	Subnetll
VM2	NIC2	Subnetll
VM3	NIC3	Su bnetl2
VM4	NIC4	Su bnet21
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 NVET1, 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/

Question: 108

You have 15 Azure virtual machines in a resource group named RG1.

All virtual machines run identical applications.

You need to prevent unauthorized applications and malware from running on the virtual machines.

What should you do?

A. Apply an Azure policy to RG1.
B. From Azure Security Center, configure adaptive application controls.
C. Configure Azure Active Directory (Azure AD) Identity Protection.
D. Apply a resource lock to RG1.

Answer: B

Explanation:

Adaptive application control is an intelligent, automated end-to-end application whitelisting solution from Azure Security Center. It helps you control which applications can run on your Azure and nonAzure VMs (Windows and Linux), which, among other benefits, helps harden your VMs against malware. Security Center uses machine learning to analyze the applications running on your VMs

and helps you apply the specific whitelisting rules using this intelligence.

Reference:

https://docs.microsoft.com/en-us/azure/security-center/security-center-adaptive-application

Question: 109

You plan to deploy Azure container instances.

You have a containerized application that validates credit cards. The application is comprised of two containers: an application container and a validation container.

The application container is monitored by the validation container. The validation container performs security checks by making requests to the application container and waiting for responses after every transaction.

You need to ensure that the application container and the validation container are scheduled to be deployedtogether. The containers must communicate to each other only on ports that are not externally exposed.

What should you include in the deployment?

A. application security groups
B. network security groups (NSGs)
C. management groups
D. container groups

Answer: D

Explanation:

Azure Container Instances supports the deployment of multiple containers onto a single host using a container group. A container group is useful when building an application sidecar for logging, monitoring, or any other configuration where a service needs a second attached process.

Reference:

https://docs.microsoft.com/en-us/azure/container-instances/container-instances-container-groups

Question: 110

HOTSPOT

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

Name	Typ*	Region
RG1	Resource group	West Europe
VNET1	Azure virtual network	West Europe
Contosol901	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                    RG1       contosol901).NetworkRuleSet

ByPass               : Logging, Metrics
DefaultAction        : Deny
IpRules              : [193.77.0.0/16,...]
VirtualNetworkRules :   [/subscriptions/a90c8c8f-d8bc-4112-abfb-

                        dac4906573dd/resourceGroups/RGl/providers/Microsoft.Network/
                        virtualNetworks/VNETl/subnets/Subnetl,...]
```

```
PS C:\> (Get-AzStorageAccount                    RG1 contosol901).NetworkRuleSet.

                                                                                IpRules

Action IPAddressOrRange

Allow 193.77.0.0/16
```

```
PS C:\> (Get-AzStorageAccount                    RG1 eontosol901).NetworkRules

Action VirtualNetworkResourceld —— ——-—-——.—-...—_—                          State
  Allow /subscriptions/a90c8c8f-d8bc-4112-abfb dac4906573dd/resourceGroups/  -----------
        RG1/providers/Microsoft.Network/virtualNetworks/VNETl/subtlets/Subnetl 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 Subnetl can access data in Contosol901.	○	○
An Azure virtual machine on Subnet2 can access data in Contosol901.	○	○
A computer on the Internet that has an IP address of 193.77.10.2 can access data in Contosol901.	○	○

Answer:

Explanation:

Statements	Yes	No
An Azure virtual machine on Subnetl can access data in Contosol901.	u	
An Azure virtual machine on Subnet? can access data in Contosol901.		
A computer on the Internet that has an IP address of 193.77.10.2 can access Q data in Contosol901.		

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.

Question: 111

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/

Question: 112

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

www.atmicnetworks.com

Question: 113

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

Question: 114

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 Log Analytics 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 On, Security Center provisions the Log Analytics 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

Reference:
https://docs.microsoft.com/en-us/azure/security-center/security-center-enable-data-collection

Question: 115

You have an Azure subscription named Sub1 that contains the Azure key vaults shown in the following table:

Name	Region	Resource group
Vaultl	West Europe	RG1
Vault2	East US	RG1
Vaults	West Europe	RG2
Vault4	East US	RG2

In Sub1, you create a virtual machine that has the following configurations:

Name: VM1
Size: DS2v2
Resource group: RG1
Region: West Europe
Operating system: Windows Server 2022

You plan to enable Azure Disk Encryption on VM1.

In which key vaults can you store the encryption key for VM1?

A. Vault1 or Vault3 only

B. Vault1, Vault2, Vault3, or Vault4
C. Vault1 only

D. Vault1 or Vault2 only

Answer: A

Explanation:

In order to make sure the encryption secrets don't cross regional boundaries, Azure Disk Encryption needs the Key Vault and the VMs to be co-located in the same region. Create and use a Key Vault that is in the same region as the VM to be encrypted.

Reference:
https://docs.microsoft.com/en-us/azure/security/azure-security-disk-encryption-prerequisites

Question: 116
HOTSPOT

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         : passwordl
Version Id
             : https://vault1.vault.azure.net:4 4 3/secrets/Passwordl

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://vaultl.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

Answer:

Explanation:

Password1:

- Never
- Always
- Only after May 1, 2019

Password2:

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

Box 1: Never

Password1 is disabled.

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

Password2:

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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

Question: 117
You have an Azure web app named webapp1.
You need to configure continuous deployment for webapp1 by using an Azure Repo.
What should you create first?
A. an Azure Application Insights service
B. an Azure DevOps organizations
C. an Azure Storage account
D. an Azure DevTest Labs lab

Answer: B
Explanation:

To use Azure Repos, make sure your Azure DevOps organization is linked to your Azure subscription.
Reference:
https://docs.microsoft.com/en-us/azure/app-service/deploy-continuous-deployment

Question: 118
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 an initiative and an assignment that is scoped to a management group.
Does this meet the goal?
A. Yes
B. No

Answer: A
Explanation:

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

Question: 119
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:
Reference:
https://docs.microsoft.com/en-us/azure/storage/common/storage-analytics-logging?toc=%2fazure%2fstorage%2fblobs%2ftoc.json

Question: 120
HOTSPOT
You are configuring just in time (JIT) VM access to a set of Azure virtual machines.
You need to grant users PowerShell access to the virtual machine by using JIT VM access.
What should you configure? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.
Answer Area

Permission that must be granted to users on VM: Read / Update / View / Write

TCP port that must be allowed: 22 / 25 / 3389 / 5986

Answer:
Explanation:

1. Read permission
2. 5986

https://docs.microsoft.com/en-us/azure/security-center/just-in-time-explained#what-permissions- are-needed-to-configure-and-use-jit

Question: 121
HOTSPOT
You have an Azure subscription that contains the resources shown in the following table.

Name	Type	Region	Resource group
SOLI	Azure SQL database	East US	RG1
Analyticsl	Azure Log Analytics workspace	East US	RG1
Analytics?	Azure Log Analytics workspace	East US	RG2
Analytics;	Azure Log Analytics workspace	West Europe	RG1

You create the Azure Storage accounts shown in the following table.

Name	Region	Resource group	Storage account type	Access tier (default)
Storage!	East US	RG1	Blob	Cool
Storage?	East US	RG2	General purpose V1	Not *applicable*
Storage^	West Europe	RG1	General purpose V2	Hot

You need to configure auditing for SQL1.

Which storage accounts and Log Analytics workspaces can you use as the audit log destination? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Storage accounts that can be used as the audit log destination:

- Storagel only
- Storage? only
- Storagel and Storage? only
- Storage!, Storage?, and Storages

Log Analytics workspaces that can be used as the audit log destination;

- Analytics I only
- Analytics I and Analytics? only
- Analytics I and Analytics3 only Analytics I. Analytics?, and Analytics?

Answer:

Explanation:

Storage accounts that can be used as the audit log destination:

- Storagelonly
- Storage2 only
- Storageland Storage? only
- Storagel,Storage?, and Storage3

Log Analytics workspaces that can be used as the audit log destination:

- Analyticslonly
- Analyticsl and Analytics? only
- Analyticsl and Analytics3 only
- Analyticsl Analytics?, and Analytics3

Question: 122

HOTSPOT

You have an Azure subscription named Sub1. Sub1 has an Azure Storage account named Storage1 that contains the resources shown in the following table.

Name	Type
Container'	bi DO container
Share 1	File share

You generate a shared access signature (SAS) to connect to the blob service and the file service.

Which tool can you use to access the contents in Container1 and Share! by using the SAS? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Tools for Container1: Robocopy.exe / Azure Storage Explorer / File Explorer

Tools for Share1: Robocopy.exe / Azure Storage Explorer / File Explorer

Answer:

Explanation:

Tools for Container1:

- Robocopy.exe
- Azure Storage Explorer
- File Explorer

Tools for Share1:

- Robocopy.exe
- Azure Storage Explorer
- File Explorer

Question: 123

You have an Azure Storage account named storage1 that has a container named container1. You need to prevent the blobs in container1 from being modified. What should you do?

A. From container1, change the access level.
B. From container1 add an access policy.
C. From container1, modify the Access Control (1AM) settings.
D. From storage1 , enable soft delete for blobs.

Answer: B

Explanation:

Reference:
https://docs.microsoft.com/en-us/azure/storage/blobs/storage-blob-immutable-storage?tabs=azure- portal

Question: 124

HOTSPOT

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

Name	Member of	Multi'factor authentication (MFA) status
User!	Groupl, Group?	Disabled
Useri	Group?	Disabled

The tenant contains the named locations shown in the following table.

Name	IP address range	Trusted location
Seattle	193.77.10.0/24	Yes
Boston	154.12.18.0/24	No

You create the conditional access policies for a cloud app named App1 as shown in the following table.

Name	Include	Exclude	Condition	Grant
Policy!	Groupl	Group?	Locations: Boston	Block access
Policy?	Groupl	Nwe	Locations: Any location	Grant access, Require multi-factor authentication
PolicyS	Group?	Groupl	Locations: Boston	Block access
Policy4	User?	None	Locations: Any location	Grant access Require multi-factor authentication

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
Useri can access App1 from an IP address of 154.12.18.10.	O	
User2 can access App1 from an IP address of 193.77.10.15.		
User2 can access App1 from an IP address of 154.12.18.34.		

Answer:

Explanation:

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Answer Are*

Statements	Yea No
Uteri c*n access Appt from an IP address of 15412,1^10.	
Uteri can access Appl from an IP address of 193.77.10.15.	
Uteri can access Appl from an IP address of 154 12.18.34	

Question: 125

DRAG DROP

You are configuring network connectivity for two Azure virtual networks named VNET1 and VNET2.

You need to implement VPN gateways for the virtual networks to meet the following requirements: * VNET1 must have six site-to-site connections that use BGP.

* VNET2 must have 12 site-to-site connections that use BGP.

* Costs must be minimized.

Which VPN gateway SKI) should you use for each virtual network? To answer, drag the appropriate SKUs to the correct networks. Each SKU 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

Answer Area

Answer

Explanation:

VNET1 VpnGwl

VNET2 VpnGwl

Reference:

https://docs.microsoft.com/en-us/azure/vpn-gateway/vpn-gateway-about-vpngateways#gwsku

Question: 126

You are securing access to the resources in an Azure subscription.

A new company policy states that all the Azure virtual machines in the subscription must use managed disks.
You need to prevent users from creating virtual machines that use unmanaged disks. What should you use?

A. Azure Monitor
B. Azure Policy
C. Azure Security Center
D. Azure Service Health

Answer: B

Explanation:

Question: 127
HOTSPOT

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
Useri	Global administrator
Useri	Security administrator
User3	Security reader
User4	License administrator

Each user is assigned an Azure AD Premium P2 license.
You plan lo 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:
- Useri only
- User! and User2 only
- User!. User 2. and User3 only
- User!, User 2 Users, and User 4 only

Users who can remediate users and configure policies:
- User! and User2 only
- User! and Users only
- User!, User 2 and Users only
- User!, User 2 Users, and User4

Answer

Explanation:

Users who can onboard Azure AD Identity Protection:

Userl only
Userl and User2 only
Userl,User2, and User3 only
Userl,User2, User3, and User4 only

Users who can remediate users and configure policies:

Userl and User2 only
Userl and User3 only
Userl, User2, and User3 only
Userl, User2, User3, and User4

Question: 128

HOTSPOT

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.		
From VM1, you can successfully ping the private IP address of VM3.	O	
From VM1, you can successfully ping the private IP address of VM5.		

Answer:

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}

Question: 129

You have an Azure subscription that contains a user named User1 and an Azure Container Registry named ConReg1.

You enable content trust for ContReg1.

You need to ensure that User1 can create trusted images in ContReg1. The solution must use the

principle of least privilege.

Which two roles should you assign to User1? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

A. AcrQuarantineReader
B. Contributor
C. AcrPush
D. AcrImageSigner
E. AcrQuarantineWriter

Answer: C,D

Explanation:

Reference:

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

https://docs.microsoft.com/en-us/azure/container-registry/container-registry-roles

Question: 130

DRAG DROP

You have an Azure subscription that contains the following resources:

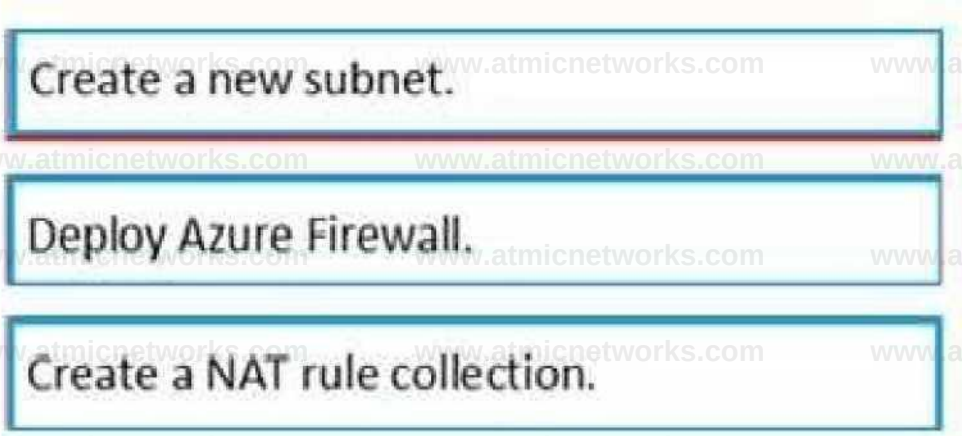
A virtual network named VNET1 that contains two subnets named Subnet1 and Subnet2.
A virtual machine named VM1 that has only a private IP address and connects to Subnet1.

You need to ensure that Remote Desktop connections can be established to VM1 from the internet.

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 then in the correct order.

Answer:

Explanation:



Question: 131

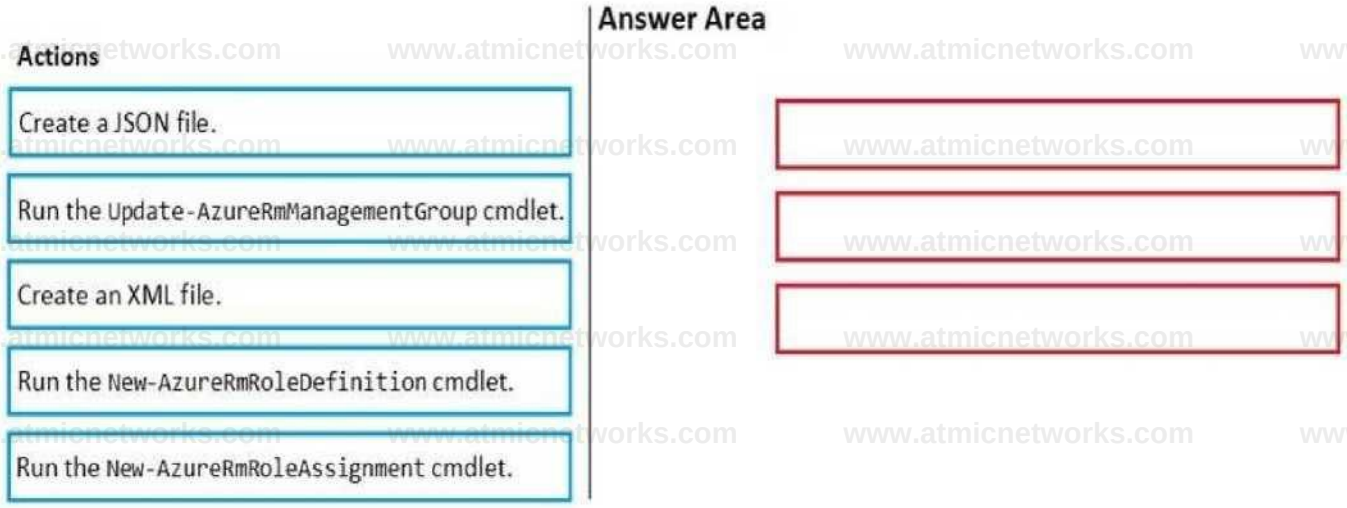
DRAG DROP

You have an Azure subscription named Sub1.

You have an Azure Active Directory (Azure AD) group named Group1 that contains all the members of your IT team.

You need to ensure that the members of Group1 can stop, start, and restart the Azure virtual machines in Sub1. The solution must use the principle of least privilege.

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.



Answer:

Explanation:

Create a JSON file.

Run the New-AzureRmRoleDefinition cmdlet.

Run the New-AzureRmRoleAssignment cmdlet.

Reference:
https://www.petri.com/cloud-security-create-custom-rbac-role-microsoft-azure

Question: 132

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

Name	Operating system	State
VM1	Windows Server 2008 R2 Service Pack 1 (SP1)	Running
VM2	Windows Server 2O12R2	Running
VM3	Windows Server 2016	Stopped
VM4	Ubuntu Server 18.04 LTS	Running

For which virtual machine can you enable Update Management?

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

Answer: C

Explanation:
Reference:
https://docs.microsoft.com/en-us/azure/automation/automation-update-management?toc=%2Fazure%2Fautomation%2Ftoc.json

Question: 133

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

Question: 134

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

Question: 135

You company has an Azure subscription named Sub1. Sub1 contains an Azure web app named WebApp1 that uses Azure Application Insights. WebApp1 requires users to authenticate by using OAuth 2.0 client secrets.

Developers at the company plan to create a multi-step web test app that preforms synthetic transactions emulating user traffic to Web App1.

You need to ensure that web tests can run unattended.

What should you do first?

A. In Microsoft Visual Studio, modify the .webtest file.
B. Upload the .webtest file to Application Insights.
C. Register the web test app in Azure AD.
D. Add a plug-in to the web test app.

Answer: B

Explanation:

https://docs.microsoft.com/en-us/azure/azure-monitor/app/availability-multistep

Question: 136

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
VMS	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.

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

Question: 137

HOTSPOT

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

Name	Type
Userl	Azure Active Directory (Azure AD) user
User2	Azure Active Directory (Azure AD) user
Groupl	Azure Active Directory (Azure AD) group
Vaultl	Azure key vault

User1 is a member of Group1. Group1 and User2 are assigned the Key Vault Contributor role for Vault1.

On January 1, 2019, you create a secret in Vault1. The secret is configured as shown in the exhibit. (Click the Exhibit tab.)

Create a secret

Upload options

Manual

* Name

Password1

* Value

• • • • • • • • • •

Content type {optional

Set acl i vat it>n date? Q v

Activation Date

20190 3 01 R 12 00 00 AM

(UTCO2O0) ••• Current Time Zone —

Set expiration Date ? O M

Expiration Date

2020 03 01 ^ 12 00 0O AM

(UT(40J:00) -- Current Time Tone —

Enabled? No

User2 is assigned an access policy to Vault1. The policy has the following configurations:

Key Management Operations: Get, List, and Restore
Cryptographic Operations: Decrypt and Unwrap Key
Secret Management Operations: Get, List, and Restore

Group1 is assigned an access to Vault1. The policy has the following configurations:

Key Management Operations: Get and Recover
Secret Management Operations: List, Backup, and Recover

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

Statements	Yes	No
On January 1, 2019, Userl can view the value of Passwordl.	0	o
On June 1, 2019, User2 can view the value of Passwordl.	Q	
On June 1, 2019, Userlcan view the value of Passwordl.	Q	

Answer:

Explanation:

Statements	Yes	No
On January 1, 2019, User1 can view the value of Password1.	○	●
On June 1, 2019, User2 can view the value of Password1.	●	○
On June 1, 2019, User1 can view the value of Password1.	○	●

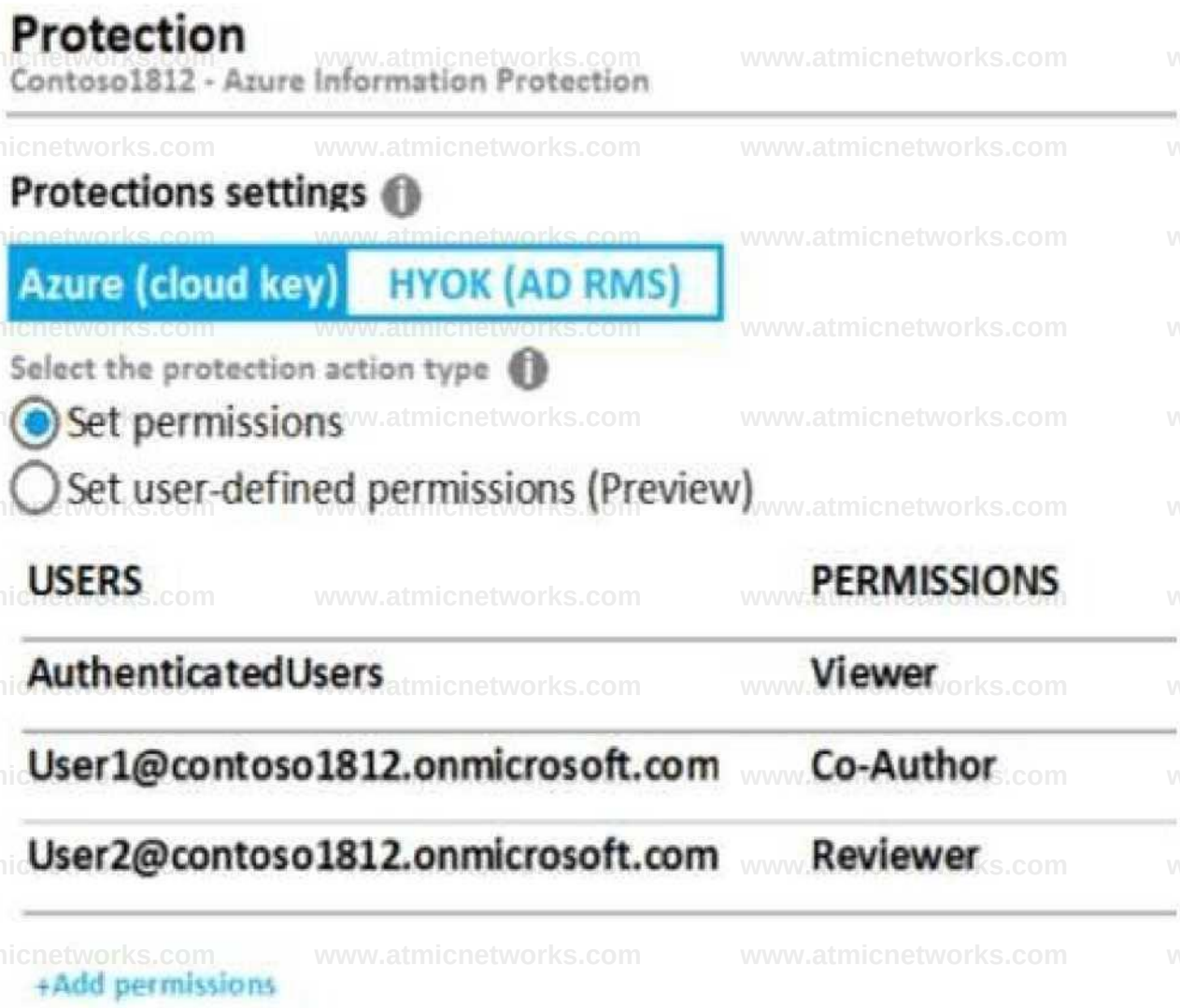
Question: 138

HOTSPOT

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@oirtlook.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.)



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
Userl can print Filel.	Q	Q)
User3 can read Filel.	Q	O
User4 can print Filel.	Q	Q

Answer:

Explanation:

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Statements	Yes	No
User1 can print File1.	○	○
User3 can read File1.	○	○
User4 can print File1.	○	○

Question: 139
HOTSPOT

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

Name	Member of
Userl	Group!
User 2	Group?
User 3	Groupl, Group2

From Azure AD Privileged Identity Management (PIM), you configure the settings for the Security Administrator role as shown in the following exhibit.

Settings

Q Allow permanent eligible assignment Expire eligible assignments after

3 Months

✓ Allow permanent active assignment

Expire active assignments after t Month

J Require Azure Multi-Factor Authentication on active assignment

0 Require justification on active assignment

Activation

Activation maximum duration (hours)

5

|_| Require Azure Multi-Factor Authentication on activation |~| Require justification on activation

J Require ticket information on activation

J Require approval to activate

No member or group selected

From PIM, you assign the Security Administrator role to the following groups:

Group1: Active assignment type, permanently assigned
Group2: Eligible assignment type, permanently 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
Useri can only activate the Security Administrator role in five hours.		○
If User2 activates the Security Administrator role, the user Q will be assigned the role immediately.		○
User3 can activate the Security Administrator role. O		○

Answer:

Explanation:

Statements	Yes	No
Useri can only activate the Security Administrator role in five hours.	I	f |
If User2 activates the Security Administrator role, the user Q will be assigned the role immediately.		Q
User3 can activate the Security Administrator role. Q		Q

Box 1: Yes

Eligible Type: A role assignment that requires a user to perform one or more actions to use the role. If a user has been made eligible for a role, that means they can activate the role when they need to perform privileged tasks. There's no difference in the access given to someone with a permanent versus an eligible role assignment. The only difference is that some people don't need that access all the time.

You can choose from two assignment duration options for each assignment type (eligible and active) when you configure settings for a role. These options become the default maximum duration when a user is assigned to the role in Privileged Identity Management.

Use the Activation maximum duration slider to set the maximum time, in hours, that a role stays active before it expires. This value can be from one to 24 hours.

Box 2: Yes

Active Type: A role assignment that doesn't require a user to perform any action to use the role. Users assigned as active have the privileges assigned to the role

Box 3: Yes
User3 is member of Group2.

Reference:
https://docs.microsoft.com/en-us/azure/active-directory/privileged-identity-management/pim- configure

https://docs.microsoft.com/bs-cyrl-ba/azure/active-directory/privileged-identity-management/pim- resource-roles-configure-role-settings

Question: 140
HOTSPOT

Your company has an Azure subscription named Subscription1 that contains the users shown in the following table.

Name	Role
Userl	Global administrator
User2	Billing administrator
User3	Owner
User4	Account Admin

The company is sold to a new owner.

The company needs to transfer ownership of Subscription1.

Which user can transfer the ownership and which tool should the user use? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

User:

- User1
- User2
- User3
- User4

Tool:

- Azure Account Center
- Azure Cloud Shell
- Azure PowerShell
- Azure Security Center

Answer:

Explanation:

User:

User1
User2
User3
User4

Tool:

Azure Account Center
Azure Cloud Shell
Azure PowerShell
Azure Security Center

Box 1; User2
Billing Administrator

Select Transfer billing ownership for the subscription that you want to transfer.

Enter the email address of a user who's a billing administrator of the account that will be the new owner for the subscription.

Box 2: Azure Account Center
Azure Account Center can be used.

Reference:
https://docs.microsoft.com/en-us/azure/billing/billing-subscription-transfer#transfer-billing-ownership-of-an-azure-subscription

Question: 141

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

Question: 142
HOTSPOT

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

Name	Member of	Multi-factor authentication (MFA) status
Useri	Group 1, Group?	Enabled
User2	Group 1	Disabled
User3	Groupl	Disabled

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

Assignments: Include Group1, exclude Group2
Conditions: Sign-in risk level: Medium and above
Access Allow access, Require multi-factor authentication

You need to identify what occurs when the users sign in to Azure AD.

What should you identify for each user? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

When User1 signs in from an anonymous IP address, the user will:

- Be blocked
- Be prompted for MFA
- Sign in by using a username and password only

When User2 signs in from an unfamiliar location, the user will:

- Be blocked
- Be prompted for MFA
- Sign in by using a username and password only

When User3 signs in from an infected device, the user will:

- Be blocked
- Be prompted for MFA
- Sign in by using a username and password only

Answer:

Explanation:

When User1 signs in from an anonymous IP address, the user will:

- Be blocked
- **Be prompted for MFA**
- Sign in by using a username and password only

When User2 signs in from an unfamiliar location, the user will:

- **Be blocked**
- Be prompted for MFA
- Sign in by using a username and password only

When User3 signs in from an infected device, the user will:

- **Be blocked**
- Be prompted for MFA
- Sign in by using a username and password only

Reference:

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

https://docs.microsoft.com/en-us/azure/active-directory/identity-protection/concept-identity- protection-policies

https://docs.microsoft.com/en-us/azure/active-directory/identity-protection/concept-identity- protection-risks

Question: 143
HOTSPOT

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

Name	Multi-factor authentication (MFA) status
User1	Disabled
User2	Disabled
User3	Enforced

In Azure AD Privileged Identity Management (PIM), the Role settings for the Contributor role are configured as shown in the exhibit. (Click the Exhibit tab.)

Role settings □ X

Assignment

| | Allow permanent eligible assignment

Expire eligible assignments after **3 Months** v

Allow permanent active assignment

Expire active assignments after **1 Month** v

v* Require Multi-Factor Authentication on active assignment

v* Require justification on active assignment

Activation

Activation maximum duration (hours)

*/ Require Multi-Factor Authentication on activation

y* Require justification on activation

Require ticket information on activation

| _ | Require approval to activate

No member or group selected

You assign users the Contributor role on May 1, 2019 as shown in the following table.

Name	Assignment type
Userl	Eligible
User2	Active
User3	Active

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
On May 15,2019, Userl can activate the Contributor role	O	O
On May 15,2019, User2 can use the Contributor role.	O	O
On June 15,2019, User3 can activate the Contributor role.	C	

Answer:

Explanation:

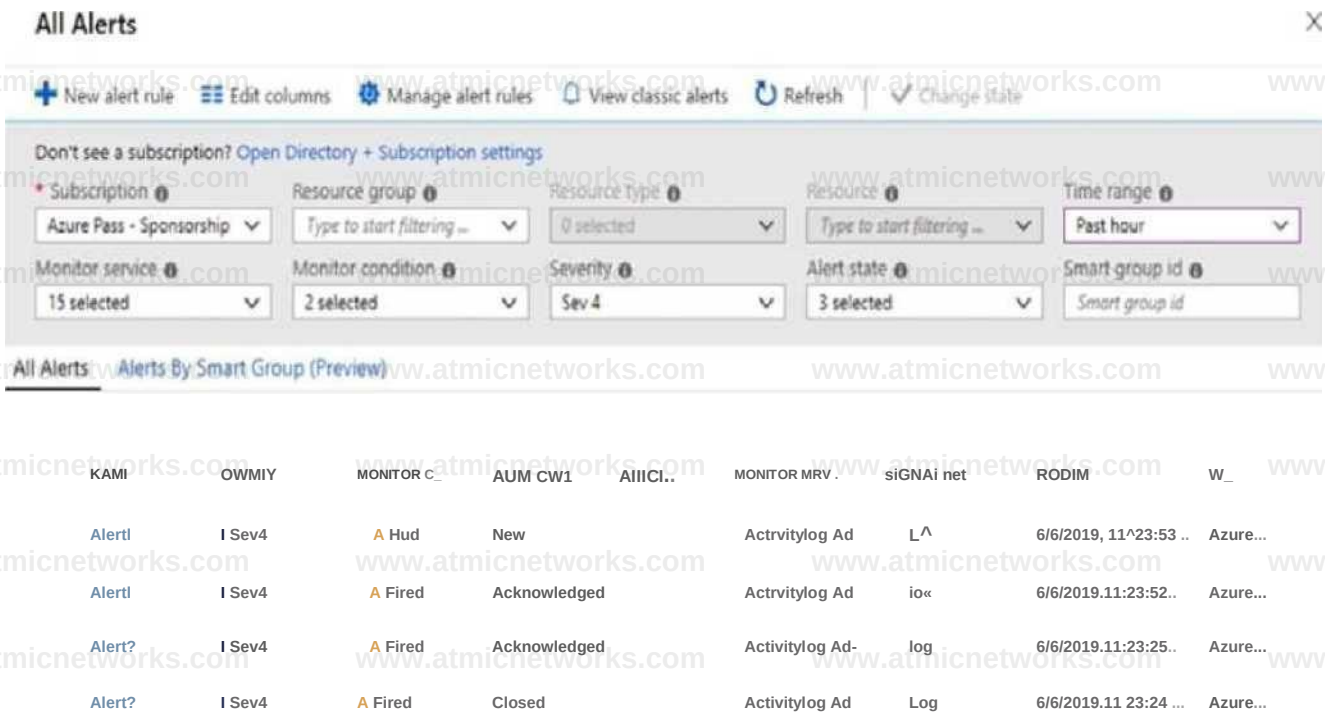
Statements	Yes	No
On May 15,2019, Userl can activate the Contributor role	O	O
On May 15,2019, User2 can use the Contributor role.	O	O
On June 15,2019, User3 can activate the Contributor role.	O	O

Reference:
https://docs.microsoft.com/en-us/azure/active-directory/privileged-identity-management/pim- resource-roles-assign-roles

Question: 144

HOTSPOT

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



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

NOTE: Each correct selection is worth one point.

The 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

Answer:

Explanation:

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

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

Question: 145

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. Azure Storage Explorer
B. SQL query editor in Azure
C. File Explorer in Windows
D. Azure Security Center

Answer: A

Explanation:

If you want to download the metrics for long-term storage or to analyze them locally, you must use a tool or write some code to read the tables. You must download the minute metrics for analysis. The tables do not appear if you list all the tables in your storage account, but you can access them directly by name. Many storage-browsing tools are aware of these tables and enable you to view them directly (see Azure Storage Client Tools for a list of available tools).

Microsoft provides several graphical user interface (GUI) tools for working with the data in your Azure Storage account. All of the tools outlined in the following table are free.

Azure Storage client tool	Supported platforms	Block Blob	Page Blob	Append Blob	Tables	Queues	Files
Azure portal	Web	Yes	Yes	Yes	Yes	Yes	Yes

Azure Storage Explorer	Windows, OSX	Yes	Yes	Yes	Yes	Yes	Yes
Microsoft Visual Studio Cloud Explorer	Windows	Yes	Yes	Yes	Yes	Yes	No

Reference:
https://docs.microsoft.com/en-us/azure/storage/common/storage-analytics-metrics?toc=%2fazure%2fstorage%2fblobs%2ftoc.json

https://docs.microsoft.com/en-us/azure/storage/common/storage-explorers

Question: 146

You have a web app named WebApp1.

You create a web application firewall (WAF) policy named WAF1.

You need to protect WebApp1 by using WAF1.

What should you do first?

A. Deploy an Azure Front Door.
B. Add an extension to WebApp1.
C. Deploy Azure Firewall.

Answer: A

Explanation:

Reference:
https://docs.microsoft.com/en-us/azure/frontdoor/quickstart-create-front-door

Question: 147

HOTSPOT

You work at a company named Contoso, Ltd. that has the offices shown in the following table.

Name	IP address space
Boston	180.15.10.0/24
Seattle	132.32.15.0/24

Contoso has an Azure Active Directory (Azure AD) tenant named contoso.com. All contoso.com users have Azure Multi-Factor Authentication (MFA) enabled. The tenant contains the users shown in the following table.

Name	User device	Last sign-in	During last sign-in, user selected Don't ask again for 14 days
Userl	Devicel	June 1	Yes
User2	Device?	June 3	**No**

The multi-factor settings for contoso.com are configured as shown in the following exhibit.

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multi-factor authentication

users service settings

app passowrds (learn more)

- Allow users to create app paswords to sign in to non-browser apps

  Do not allow users to create app passwords to sign in to non-browser apps

trusted ips (learn more)

Skip multi-factor authentication for requests from federated users on my intranet Skip multi-factor authentication for requests from following range of IP address subnets

180.15.10.0/24

verification options (learn more)

Methods available to users:

call to phone

Text message to phone

Notification through mobile app

Verification code from mobile app or hardware token

remember multi-factor authentication (learn more)

Allow users to remember multi-factor authentication on devices they trust Davs before a device must re-authenticate (1-60): 14

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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 Userl signs in to Devicel from the Seattle office on June 10, the user will be prompted for MFA.	'	O
When User2 signs in to Device2 from the Boston office on June 5, the user will be prompted for MFA.		
When Userl signs in to to a new device from the Seattle office on June 7, the user will be prompted for MFA.		

Answer:

Explanation:

Answer Area

Statements	Yes	No
When Userl signs in to Devicel from the Seattle office on tune 10 the user will be prompted tor MFA	*	
When User2 signs in to Device? from the Boston office on June 5, the user will be prompted for MFA		*
When Userl signs in to a new device from the Seattle office on lune 7 the user will be prompted for MFA	*	

Question: 148

You have an Azure subscription.

You configure the subscription to use a different Azure Active Directory (Azure AD) tenant.

What are two possible effects of the change? Each correct answer presents a complete solution. NOTE: Each correct selection is worth one point.

A. Role assignments at the subscription level are lost.
B. Virtual machine managed identities are lost.
C. Virtual machine disk snapshots are lost.
D. Existing Azure resources are deleted.

Answer: A,B

Explanation:

Reference:

https://docs.microsoft.com/en-us/azure/active-directory/fundamentals/active-directory-how-subscriptions-associated-directory

Question: 149

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 machineextension.

Answer: C

Explanation:

Reference:

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

Question: 150

HOTSPOT

You network contains an on-premises Active Directory domain that syncs to an Azure Active Directory (Azure AD) tenant. The tenant contains the users shown in the following table.

Name	Source
Userl	Azure AD
User2	Azure AD
User3	On-premises Active Directory

The tenant contains the groups shown in the following table.

Name	Members
Groupl	Userl, User2? User3
Group2	User2

You configure a multi-factor authentication (MFA) registration policy that and the following settings:

Assignments:

Include: Group1

Exclude Group2

Controls: Require Azure MFA registration Enforce Policy: On

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

Statements	Yes	No
Userl will be prompted to configure MFA registration during the user's next Azure AD authentication.	O	0
User2 must configure MFA during the user's next Azure AD authentication.	U	O
User3 will be prompted to configure MFA registration during the user's next Azure AD authentication.	O	O

Answer:

Explanation:

Statements	Yes	No
Userl will be prompted to configure MFA registration during the user's next Azure AD authentication.		O
User2 must configure MFA during the user's next Azure AD authentication.	O	
User3 will be prompted to configure MFA registration during the user's next Azure AD authentication.		O

Question: 151

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

Name	Operating system
VM1	Windows 10
VM2	Windows Server 2016
VMS	Windows Server 2019
VM4	Ubuntu Server 18.04 LTS

You create an MDM Security Baseline profile named Profile1.

You need to identify to which virtual machines Profile1 can be applied.

Which virtual machines should you identify?

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

Answer: A

Explanation:

Reference:
https://docs.microsoft.com/en-us/mem/intune/protect/security-baselines

Question: 152
HOTSPOT

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	VNETl/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.

01 Save X Discard

Allow access from: All networks • Selected networks

0 Configure network access control for your key vault. Learn More

+ Add existing virtual networks + Add new virtual network

Virtual networks: 0

VIRTUAL NETWORK	SUBNET	RESOURCE GROUP	SUBSCRIPTION	
VNET1	default	RG1		...

Firewall: O

IPv4 ADDRESS OR CIDR

IPv4 address or CIDR

Exception:

Allow trusted Microsoft services to bypass this firewall? 0 • Yes No

O This setting is related to firewall only. In order to access this key vault, the trusted service must also be given explicit permissions in the Access policies section.

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.	O	O
From VM2, users can manage the keys and secrets stored in KeyVault1.	O	O
VM2 can use KeyVault for Azure Disk Encryption	O	O

Answer:

Explanation:

Answer AIM Statamants **Yet No**

Hom VM1, users can manage the keys and secrets stored in Key Vault 1 •

from VM2 users can manage the keys and secrets stored in Key Vault 1 •

VM2 can use Key Vault! for Acute Disk Encryption. •

Question: 153

HOTSPOT

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

Name	Resource group	Status
VM1	RG1	Stopped (Deallocated)
VM2	RG2	Stopped (Deallocated)

You create the Azure policies shown in the following table.

Policy definition	Resource type	Scope
Not allowed resource types	virtualMachines	RG1
Allowed resource types	virtualMachines	RG2

You create the resource locks shown in the following table.

Name	Type	Created on
Lockl	Read-only	VM1
Lock2	Read-only	RG2

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 start VM1.	○	○
You can start VM2.	○	○
You can create a virtual machine in RG2.	○	○

Answer:

Explanation:

NO
NO
NO

1 .) cannot perform write operation because following scope(s) are locked: 'subscriptions/xxxx/resourceGroups/xxx' Please remove the lock and try again.

2 .) When creating a VM in a resource group with a Read Only lock an error is shown: "The selected resource group is read only"

3 .) Because of the read only lock virtual machines cannot be started nor stopped when the lock is added after the machine started. (not part of this use case, but still good to know.

The article referenced in the answer states different because that is scoped to blueprints.
In the Lock Resources pages is states the following regarding starting VMs:

"A ReadOnly lock on a resource group that contains a virtual machine prevents all users from starting or restarting the virtual machine. These operations require a POST request."

https://docs.microsoft.com/en-us/azure/azure-resource-manager/management/lock-resources

Question: 154
HOTSPOT

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

Name	Subscription role	Azure AD user role
Useri	Owner	*None*
User2	Contributor	*None*
UserB	Security Admin	*None*
User4	*None*	Service administrator

You create a resource group named RG1.

Which users can modify the permissions for RG1 and which users can create virtual networks in RG1?

To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Users who can create virtual networks in RG1:

- Used only
- Used and User2 only
- Used and User3 only
- Used, User2 and User3 only
- Useri, User2, User3, and User4

Users who can modify the permissions for RG1:

- Used only
- Used and User2 only
- Useri and User3 only
- Used, User2 and User3 only
- Used, User2, User3, and User4

Answer:

Explanation:

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Users who can modify the permissions for RG1:

- User1 only
- User1 and User2 only
- User1 and User3 only
- User1, User2 and User3 only
- User1, User2, User3, and User4

Users who can create virtual networks in RG1:

- User1 only
- User1 and User2 only
- User1 and User3 only
- User1, User2 and User3 only
- User1, User2, User3, and User4

Box 1: Only an owner can change permissions on resources.

Box 2: A Contributor can create/modify/delete anything in the subscription but cannot change permissions.

Question: 155

You have an Azure virtual machine named VM1.

From Azure Security Center, you get the following high-severity recommendation: "Install endpoint protection solutions on virtual machine".

You need to resolve the issue causing the high-severity recommendation.

What should you do?

A. Add the Microsoft Antimalware extension to VM1.
B. Install Microsoft System Center Security Management Pack for Endpoint Protection on VM1.
C. Add the Network Watcher Agent for Windows extension to VM1.
D. Onboard VM1 to Microsoft Defender Advanced Threat Protection (Microsoft Defender ATP).

Answer: A

Explanation:

Reference:

https://docs.microsoft.com/en-us/azure/security-center/security-center-endpoint-protection

Question: 156

HOTSPOT

You have a file named File1.yaml that contains the following contents.

apiVersion: 2018-10-01 location: eastus name: containergroupl properties:

containers:

■ name: container!

properties: environmentvariables:

- name: 'Variable!' value: 'Value![1]
- name: 'Variable?' secureValue: ‘Value?' image: nginx ports: [] resources:

requests: cpu: 1.0 memoryInGB: 1.5 osType: Linux restartPolicy: Always tags: null

type: Microsoft.ContainerInstance/containerGroups

You create an Azure container instance named container1 by using File1.yaml.

You need to identify where you can access the values of Variable1 and Variable2.

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

NOTE: Each correct selection is worth one point.

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Variable1:

- Cannot be accessed
- Can be accessed from the Azure portal only
- Can be accessed from inside container1 only
- Can be accessed from inside container1 and the Azure portal

Variable2:

- Cannot be accessed
- Can be accessed from the Azure portal only
- Can be accessed from inside container1 only
- Can be accessed from inside container1 and the Azure portal

Answer:

Explanation:

Variable1:

- Cannot be accessed
- Can be accessed from the Azure portal only
- Can be accessed from inside container1 only
- **Can be accessed from inside container1 and the Azure portal**

Variable2:

- Cannot be accessed
- Can be accessed from the Azure portal only
- **Can be accessed from inside container1 only**
- Can be accessed from inside container1 and the Azure portal

Reference:

https://docs.microsoft.com/en-us/azure/container-instances/container-instances-environment- variables

Question: 157

You have an Azure subscription that contains a virtual network. The virtual network contains the subnets shown in the

following table.

Name	Has a network security group (NSG) associated to the virtual subnet
Subnetl Subnet2	Yes No

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

Name	Has an NSG associated to the network adaptor of the virtual machine	Connected to
VM1	No	Subnetl
VM2	No	Subnet2
VM3	No	Subnetl
VM4	Yes	Subnet2

You enable just in time (JIT) VM access for all the virtual machines.

You need to identify which virtual machines are protected by JIT.

Which virtual machines should you identify?

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

Answer: C

Explanation:

An NSG needs to be enabled, either at the VM level or the subnet level.

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

Question: 158
HOTSPOT

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
VMS	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.

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R X 0 Refresh

Allow access from

All networks • Selected networks

Configure network security for your storage accounts. I ir I H R

Virtual networks

Secure your storage account with virtual networks. - : ; virutal nnwfk

+ Add new virtual network

VIRTUAL SUBNET ADDRESS ENDPOINT RESOURCE SUBSCRI8TION NETWORK RANGE STATUS GROUP

No network selected.

Firewall

Add IP ranges to allow access from the internet on your on-premises networks, earn more.

Address Range

13.80.73.87

| IP address or CIDR

Exceptions

Q Allow trusted Microsoft services to access this storage account 0

□ 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 storageacd.	0	0
From VM2r you can upload a blob to storageacd.	O	0
From VMS , you can upload a blob to storageacd.	O	O

Answer:

Explanation:

Statements	Yes	No
From VM1, you can upload a blob to storageacd.	O	O
From VM2, you can upload a blob to storageacd.	O	O
From VMS , you can upload a blob to storageacd.	O	0

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

Question: 159

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

Question: 160

HOTSPOT

You have the Azure key vaults shown in the following table.

Name	Location	Azure subscription name
KV1	West US	Subscription!
KV2	West US	Subscription!
KV3	East US	Subscription!
KV4	West US	Subscription?
KV5	East US	Subscription?

KV1 stores a secret named Secret1 and a key for a managed storage account named Key1.

You back up Secret1 and Key1.

To which key vaults can you restore each backup? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

You can restore the Secretl backup to:

- KV1 only
- KV1 and KV2 only
- KV1, KV2 and KV3 only
- KV1, KV2 and KV4 only
- KV1, KV2, KV3, KV4, and KV5

You can restore the Key1 backup to:

- KV1 only
- KV1 and KV2 only
- KV1, KV2 and KV3 only
- KV1, KV2 and KV4 only
- KV1, KV2, KV3, KV4, and KV5

Answer:

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Explanation:

You can restore the Secret1 backup to:

- KV1 only
- KV1 and KV2 only
- KV1, KV2 and KV3 only
- KV1, KV2 and KV4 only
- KV1, KV2, KV3, KV4, and KV5

You can restore the Key1 backup to:

- KV1 only
- KV1 and KV2 only
- KV1, KV2 and KV3 only
- KV1, KV2 and KV4 only
- KV1, KV2, KV3, KV4, and KV5

The backups can only be restored to key vaults in the same subscription and same geography. You can restore to a different region in the same geography.

https://docs.microsoft.com/en-us/azure/key-vault/general/backup?tabs=azure-cli

Question: 161

You onboard Azure Sentinel. You connect Azure Sentinel to Azure Security Center.
You need to automate the mitigation of incidents in Azure Sentinel. The solution must minimize administrative effort.
What should you create?

A. an alert rule
B. a playbook
C. a function app
D. a runbook

Answer: B

Explanation:

Question: 162

You have an Azure subscription named Subscription1.
You deploy a Linux virtual machine named VM1 to Subscription1.

You need to monitor the metrics and the logs of VM1. D18912E1457D5D1DDCBD40AB3BF70D5D
What should you use?

A. the AzurePerformanceDiagnostics extension
B. Azure HDInsight
C. Linux Diagnostic Extension (LAD) 3.0
D. Azure Analysis Services

Answer: A

Explanation:

Question: 163

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.

Question: 164

From Azure Security Center, you enable Azure Container Registry vulnerability scanning of the images in Registry1.
You perform the following actions:
Push a Windows image named Image1 to Registry1.
Push a Linux image named Image2 to Registry1.
Push a Windows image named Image3 to Registry1.
Modify Image1 and push the new image as Image4 to Registry1.
Modify Image2 and push the new image as Image5 to Registry1.
Which two images will be scanned for vulnerabilities? Each correct answer presents a complete solution.
NOTE: Each correct selection is worth one point.

A. Image4
B. Image2
C. Image1
D. Image3
E. Image5

Answer: B,C

Explanation:

Question: 165

You have an Azure subscription that contains a resource group named RG1 and a security group serverless RG1 contains 10 virtual machine, a virtual network VNET1, and a network security group (NSG) named NSG1. ServerAdmins can access the virtual machines by using RDP.

You need to ensure that NSG1 only RDP connections to the virtual for a maximum of 60 minutes when a member of ServerAdmins requests access.

What should you configure?

A. an Azure Active Directory (Azure AD) Privileged identity Management (PIM) role assignment.
B. a just in time (JIT) VM access policy in Azure Security Center
C. an azure policy assigned to RG1.
D. an Azure Bastion host on VNET1.

Answer: B

Explanation:

Reference:

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

Question: 166

HOTSPOT

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

Name	Type	Attached to	NSG
NSG1	Network security group (NSG)	VM5	*Not applicable*
NSG2	Network security group (NSG)	Subnetl	*Not applicable*
Subnetl	Subnet	*Not applicable*	*Not applicable*
VM5	Virtual machine	Subnetl	NSG1

An IP address of 10.1.0.4 is assigned to VM5. VM5 does not have a public IP address.

VM5 has just in time (JIT) VM access configured as shown in the following exhibit.

JIT VM access configuration X

VMS

T Add In! Save X Discard

Configure the ports for which the just-in-time VM access will be applicable Port Protocol Allowed source IPs IP range Time range (hours)

3389 Any Per request N/A 3 hours •••

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You enable JIT VM access for VM5.

NSG1 has the inbound rules shown in the following exhibit.

Priority	Name	Port	Protocol	Source	Destination	Action
100	A SecurityCenter JITRule-...	3389	Any	Any	10.1.0.4	O' Allow
1000	SecurityCenter-JITRule_341...	3389	Any	Any	10.1.0.4	O Deny
1001	RDP	3389	TCP	Any	Any	© Allow
65000	AllowVnetInBound	Any	Any	VirtualNetwork	VirtualNetwork	© Allow
65001	AllowAzureLoadBalancerin...	Any	Any	AzureLoad Balancer	Any	© Allow
65500	DenyAllInBound	Any	Any	Any	Any	0 Deny

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
Deleting the security rule that has a priority of 100 will revoke theapproved JIT access request.	Q	Q
Remote Desktop access to VM5 is blocked.	O	O
An Azure Bastion host will enable Remote Desktop access to VM5 from the internet.	O	O

Answer:

Explanation:

Statements	Yes	No
Deleting the security rule that has a priority of 100 will revoke theapproved JIT access request.	Q	Q
Remote Desktop access to VM5 is blocked.	O	O
An Azure Bastion host will enable Remote Desktop access to VM5 from the internet.	O	O

Question: 167

DRAG DROP

You have five Azure subscriptions linked to a single Azure Active Directory (Azure AD) tenant.

You create an Azure Policy initiative named SecurityPolicyInitiative1.

You identify which standard role assignments must be configured on all new resource groups.

You need to enforce SecurityPolicyInitiative1 and the role assignments when a new resource group is created.

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
Publish an Azure Blueprints version	
Assign an Azure blueprint.	
Create a policy assignment.	
Create a custom role-based access control (RBAC) role.	
Create a dedicated management subscription.	
Create an Azure Blueprints definition.	
Create an initiative assignment.	

Answer:

Explanation:

Create an Azure Blueprints definition.

Publish an Azure Blueprints version

Assign an Azure blueprint.

Reference:
https://docs.microsoft.com/en-us/azure/governance/blueprints/create-blueprint-portal

https://docs.microsoft.com/en-us/azure/azure-australia/azure-policy

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Question: 168

You have an Azure subscription that contains an Azure key vault and an Azure Storage account. The key vault contains customer-managed keys. The storage account is configured to use the customermanaged keys stored In the key vault.

You plan to store data in Azure by using the following services:

* Azure Files
* Azure Blob storage
* Azure Log Analytics
* Azure Table storage
* Azure Queue storage

Which two services data encryption by using the keys stored in the key vault? Each correct answer present a complete solution.

NOTE: Each correct selection is worth one point.

A. Queue storage
B. Table storage
C. Azure Files
D. Blob storage

Answer: C,D

Explanation:

https://docs.microsoft.com/en-us/azure/storage/common/account-encryption-key- create?tabs=portal

Question: 169

You have an Azure Active Directory (Azure AD) tenant named Contoso.com and an Azure Service (AKS) cluster AKS1.

You discover that AKS1 cannot be accessed by using accounts from Contoso.com

You need to ensure AKS1 can be accessed by using accounts from Contoso.com The solution must minimize administrative effort.

What should you do first?

A. From Azure recreate AKS1,
B. From AKS1, upgrade the version of Kubermetes.
C. From Azure AD, implement Azure AD Premium P2.
D. From Azure AD, configure the User settings

Answer: A

Explanation:

Reference:

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

Question: 170

HOTSPOT

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

Name	Type
Iteml	Key

Item2	Secret
Policy!	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.	○	○
You can add a new key named Item1.	○	○
You can add a new secret named Item2.	○	○

Answer:

Explanation:

NO. Policies cannot be recovered
YES, Item1 is permanently deleted
NO, You cannot use the same name cause Item2 is in Seoft-deleted status
https://docs.microsoft.com/en-us/azure/key-vault/general/soft-delete-overview

Question: 171

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 Register1.
You discover that vulnerability security scans were not performed
You need to ensured 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/

Question: 172

HOTSPOT

You have an Azure subscription that contains a web app named App1 and an Azure key vault named Vault1.

You need to configure App1 to store and access the secrets in Vault1.

How should you configure App1? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Configure App1 to authenticate by using a:

- Key
- Certificate
- Passphrase
- User-assigned managed identity
- System-assigned managed identity

Configure a Key Vault reference for App1 from the:

- Extensions blade
- General settings tab
- TLS/SSL settings blade
- Application settings tab

Answer:

Explanation:

Configure App1 to authenticate by using a: ^

Key

Certificate

Passphrase

User-assigned managed identity

System-assigned managed identity

Configure a Key Vault reference for App1 from the: i Extensions blade

General settings tab

TLS/SSL settings blade Application settings tab

Reference:
https://docs.microsoft.com/en-us/azure/app-service/overview-managed-identity?tabs=dotnet

Question: 173

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 machine to the existing virtual network 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. the Contributor role for the subscription
B. the Network Contributor role for RG2
C. A custom RBAC role for the subscription
D. a custom RBAC role for RG2
E. the Network Contributor role for RG1.
F. the Virtual Machine Contributor role for RG1.

Answer: D,F

Explanation:

Question: 174

You have an Azure subscription that contains an Azure Active Directory (Azure AD) tenant and a user named User1.

The App registrations settings for the tenant are configured as shown in the following exhibit.

App registrations

Users can register applications 0

(Yes SB

You plan to deploy an app named App1.

You need to ensure that User1 can register App1 in Azure AD. The solution must use the principle of least privilege.

Which role should you assign to User1?

A. App Configuration Data Owner for the subscription
B. Managed Application Contributor for the subscription
C. Cloud application administrator in Azure AD
D. Application developer in Azure AD.

Answer: D

Explanation:
Reference:
https://docs.microsoft.com/en-us/azure/active-directory/roles/delegate-by-task

Question: 175

You have an Azure subscription named Subcription1 that contains an Azure Active Directory (Azure AD) tenant named contosos.com and a resource group named RG1.
You create a custom role named Role1 for contoso.com.
You need to identify where you can use Role1 for permission delegation.
What should you identify?

A. contoso.com only
B. contoso.com and RGT only
C. contoso.com and Subscription1 only
D. contoso.com, RG1, and Subcription1

Answer: A

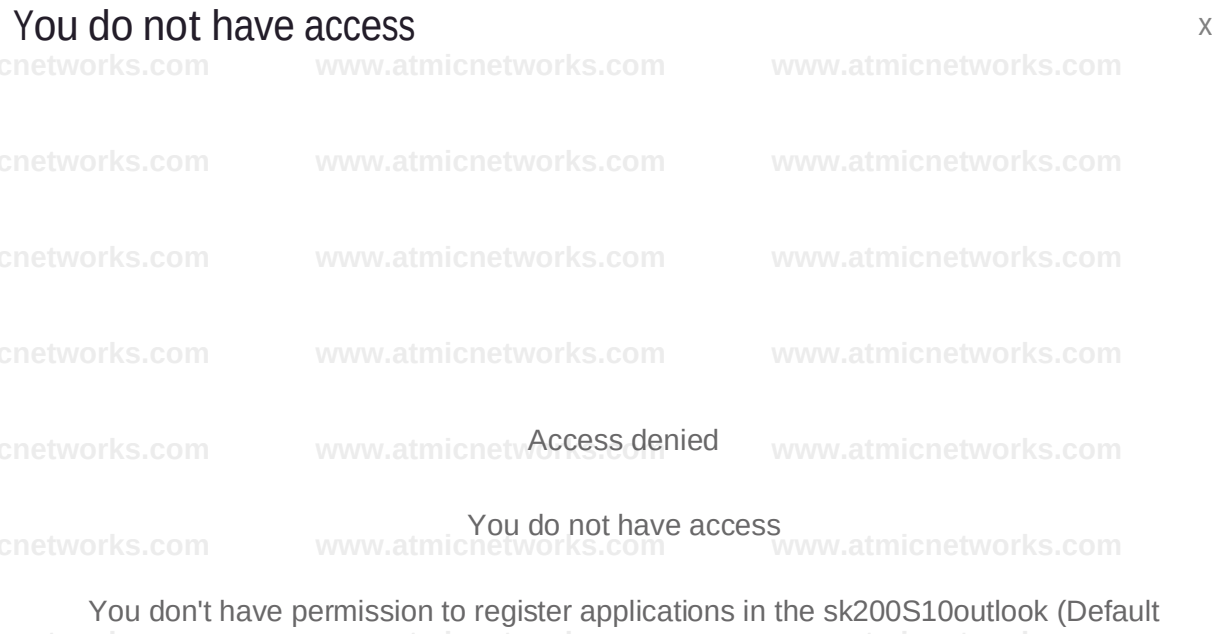
Explanation:

https://docs.microsoft.com/en-us/azure/role-based-access-control/custom-roles

Question: 176

You have an Azure subscription that contains an Azure Active Directory (Azure AD) tenant.

When a developer attempts to register an app named App1 in the tenant, the developer receives the error message shown in the following exhibit.



You need to ensure that the developer can register App1 in the tenant.

What should you do for the tenant?

A. Modify the User settings
B. Set Enable Security default to Yes.
C. Modify the Directory properties.
D. Configure the Consent and permissions settings for enterprise applications.

Answer: A

Explanation:
Reference:
https://docs.microsoft.com/en-us/azure/active-directory/develop/active-directory-how- applications-are-added

Question: 177
HOTSPOT

You have an Azure Active Directory (Azure AD) tenant that contains the resources shown in the following table.

Name	Type
Userl	User
User2	User
User!	User
Groupl	Security qroup
Group2	Security group
1 Appl	Enterprise application

User2 is the owner of Group2.

The user and group settings for App1 are configured as shown in the following exhibit.

+ Add user /': CO • . ^i; i -' : : =E Columns '7 Got feedback?

Q The application will appear on the access panel for assigned users. Set "visible to users?" to no in properties to prevent this. *4 }first

100 shown, to search all users & groups enter a display name.

DISPLAY NAME	OBJECT TYPE	ROLE ASSIGNED
□ ® Groupl	Group	Default Access

You enable self-service application access for App1 as shown in the following exhibit.

Allow users to request access to this fl^^ No application? Q

To which group should assigned users be added? O

Select group

Group?

Require approval before granting access to this application? Q

No

Who is allowed to approve access to this application? ©

Select approvers

1 users selected

To which role should users be assigned in this application? 0

User3 is configured to approve access to Appl.

You need to identify the owners of Group2 and the users of Appl.

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

NOTE: Each correct selection is worth one point.

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Group2 owners:

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

App1 users:

- Group1 members only
- Group2 members only
- Group1 and Group2 members only
- Group1 and Group2 members and User1 only
- Group1 and Group2 members, User1, and User3 only

Answer:

Explanation:

Group2 owners:

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

App1 users:

- Group1 members only
- Group2 members only
- Group1 and Group2 members only
- Group1 and Group2 members and User1 only
- Group1 and Group2 members, User1, and User3 only

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Reference:
https://docs.microsoft.com/en-us/azure/active-directory/manage-apps/manage-self-service-access

Question: 178

You have three on-premises servers named Server1, Server2, and Server3 that run Windows Server1 and Server2 and located on the Internal network. Server3 is located on the premises network. All servers have access to Azure.
From Azure Sentinel, you install a Windows firewall data connector.
You need to collect Microsoft Defender Firewall data from the servers for Azure Sentinel.
What should you do?

A. Create an event subscription from Server1, Server2 and Server3
B. Install the On-premises data gateway on each server.
C. Install the Microsoft Agent on each server.
D. Install the Microsoft Agent on Server1 and Server2 install the on-premises data gateway on Server3.

Answer: C

Explanation:
Reference:
https://docs.microsoft.com/en-us/azure/sentinel/connect-windows-firewall

Question: 179

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

Explanation:

Question: 180

HOTSPOT

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	*Not applicable*
RG1	Resource group	*Not applicable*
VM1	Virtual machine	RG1
VNET1	Virtual network	RG1
storage	Storage account	RG1
User1	User account	*Not applicable*

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

```
"properties":{ "roleName": "Rolel", "description": "", "assignableScopes": [
     ”/subscriptions/8372f433-2dcd-4361-b5ef-5bl88fed87d0",
     "/subscriptions/8372f433-2dcd-4361-b5ef-5bi88fed87d0/resourceGroups/RGl"
b
     "permissions": [ { "actions": ( "Microsoft.Compute/*"
               L "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
Useri can create a new virtual machine in RG1	o	O
User can modify the properties of storage 1.	o	Q
Useri can attach the network interface of VM1 toVNETI	o	O

Answer:

Explanation:

NO
NO
NO

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

Question: 181
HOTSPOT
You have an Azure subscription named Subcription1 that contains the resources shown in the following table.

Name	Type	Description
EventHub1	Azure Event Hubs	*Not applicable*
Adf1	Azure Data Factory	*Not applicable*
NVA1	Network virtual appliance (NVA)	The NVA sends security event messages in the Common Event Format (CEF).

You have an Azure subscription named Subcription2 that contains the following resources:
An Azure Sentinel workspace
An Azure Event Grid instance

You need to ingest the CEF messages from the NVAs to Azure Sentinel.
NOTE: Each correct selection is worth one

Answer:

Explanation: 3,1

Question: 182
HOTSPOT

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

Answer:

Explanation:

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

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

Question: 183

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: A,D

Explanation:

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

Question: 184

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

Question: 185

You have an Azure subscription that contains 100 virtual machines and has Azure Security Cent,-. Standard tier enabled.

You plan to perform a vulnerability scan of each virtual machine.

You need to deploy the vulnerability scanner extension to the virtual machines by using an Azure Resource Manager template.

Which two values should you specify in the code to automate the deployment of the extension to the virtual machines? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

A. the user assigned managed identity
B. the Key Vault managed storage account Key
C. the Azure Active Directory (Azure AD) ID
D. the system-assigned managed identity
E. the primary shared key
F. the workspace ID

Answer: A,C

Explanation:
https://docs.microsoft.com/en-us/azure/azure-arc/servers/onboard-service-principal

Question: 186

HOTSPOT

You have an Azure Sentinel workspace that contains an Azure Active Directory (Azure AD) connector, an Azure Log Analytics query named Query1 and a playbook named Playbook1.

Query1 returns a subset of security events generated by Azure AD.

You plan to create an Azure Sentinel analytic rule based on Query1 that will trigger Playbook1.

You need to ensure that you can add Playbook1 to the new rule.

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

NOTE: Each correct selection is worth one point.

Create the rule and set the type to:

- Fusion
- Microsoft Security incident creation
- Scheduled

Configure the playbook to include:

- A managed connector
- A system-assigned managed identity
- A trigger
- Diagnostic settings

Answer:

Explanation:

Create the rule and set the type to:

- Fusion
- Microsoft Security incident creation
- Scheduled

Configure the playbook to include:

- A managed connector
- A system-assigned managed identity
- A trigger
- Diagnostic settings

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

Question: 187

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

Question: 188

You have an Azure Active Directory (Azure AD) tenant and a root management group.

You create 10 Azure subscriptions and add the subscriptions to the rout management group.

You need to create an Azure Blueprints definition that will be stored in the root management group. What should you do first?

A. Add an Azure Policy definition to the root management group.
B. Modify the role-based access control (RBAC) role assignments for the root management group.
C. Create a user-assigned identity.
D. Create a service principal.

Answer: B

Explanation:

Reference:
https://docs.microsoft.com/en-us/azure/role-based-access-control/elevate-access-global-admin

Question: 189

HOTSPOT

You have the hierarchy of Azure resources shown in the following exhibit.

You create the Azure Blueprints definitions shown in the following table.

Name	Published at
Blueprint	Tenant Root Group
Blueprint	Subsc riptioal

To which objects can you assign Blueprint1 and Blueprint2? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Blueprint!:

ManagementGroup! only

ManagementGroup!, Subscription!, and RG1 only

ManagementGroupI, Subscription!, RG!, and VM!

Subscription! only

Tenant Root Group only

Tenant Root Group, ManagementGroupI, and Subscription! only

Blueprint2:

ManagementGroupI only

Subscription! and RG! only

Subscription! only

Subscription!, RG!, and VM!

Answer:

Explanation:

BI u e p r i nt!: ▼ ManagementGroupI only

ManagementGroupI, Subscription!, and RG1 only

ManagementGroupI, Subscription!, RG1, and VM1

Subscription! only

Tenant Root Group only

Tenant Root Group, ManagementGrouip!, and Subscription! only

Blueprint: _____

ManagementGroupI only

Subscription! and RG! only Subscription! only

Subscription!, RG!, and VM!

Blueprints can only be assigned to subscriptions.

Question: 190

You have an Azure subscription that contains a user named AdminI1 and a virtual machine named VM1. VM1 runs Windows Server 2019 and was deployed by using an Azure Resource Manager template. VM1 is the member of a backend pool of a public Azure Basic Load Balancer.

Admin1 reports that VM1 is listed as Unsupported on the Just in time VM access blade of Azure Security Center.

You need to ensure that Admin1 can enable just in time (JIT) VM access for VM1.

What should you do?

A. Create and configure an additional public IP address for VM 1.
B. Replace the Basic Load Balancer with an Azure Standard Load Balancer.
C. Assign an Azure Active Directory Premium Plan 1 license to Admin1.
D. Create and configure a network security group (NSG).

Answer: D

Explanation:

Reference:

https://docs.microsoft.com/en-us/azure/security-center/security-center-just-in-time?tabs=jit-config- asc%2Cjit-request-asc

Question: 191

HOTSPOT

You have an Azure subscription that contains a user named Admin1 and a resource group named RG1.

In Azure Monitor, you create the alert rules shown in the following table.

Name	Resource	Condition
Rulel	RG1	All security operations
Rule2	RG1	All administrative operations
Rule3	Azure subscription	All security operations by Adminl
Rule4	Azure subscription	All administrative operations by Adminl

Admin1 performs the following actions on RG1:

Adds a virtual network named VNET1

Adds a Delete lock named Lock1

Which rules will trigger an alert as a result of the actions of Admin1? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

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Adding VNET1:

- Rule2 only
- Rule4 only
- Rule2 and Rule 4 only
- Rule3 and Rule 4 only
- Rule1, Rule2, Rule3 and Rule 4

Adding Lock1:

- Rule2 only
- Rule4 only
- Rule2 and Rule 4 only
- Rule3 and Rule 4 only
- Rule1, Rule2, Rule3 and Rule 4

Answer:

Explanation:

Adding VNET1:

- Rule2 only
- Rule4 only
- Rule2 and Rule 4 only
- Rule3 and Rule 4 only
- Rule1, Rule2, Rule3 and Rule 4

Adding Lock1:

- Rule2 only
- Rule4 only
- Rule2 and Rule 4 only
- Rule3 and Rule 4 only
- Rule1, Rule2, Rule3 and Rule 4

Question: 192

You have an Azure Active Din-dory (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 User! 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: C,E

Explanation:

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

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Question: 193
HOTSPOT

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

Name	Role
Admin 1	Global administrator
Admin2	Group administrator
Admin3	User administrator

Contoso.com contains a group naming policy. The policy has a custom blocked word list rule that includes the word Contoso.

Which users can create a group named Contoso Sales in contoso.com? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Users who can create a security group named Contoso Sales:

- Admin1 only
- Admin1 and Admin2 only
- Admin1 and Admin3 only
- Admin1, Admin2, and Admin3

Users who can create an Office 365 group named Contoso Sales:

- Admin1 only
- Admin1 and Admin2 only
- Admin1 and Admin3 only
- Admin1, Admin2, and Admin3

Answer:

Explanation:

Users who can create a security group named Contoso Sales:

- Admin1 only
- Admin1 and Admin2 only
- Admin1 and Admin3 only
- Admin1, Admin2, and Admin3

Users who can create an Office 365 group named Contoso Sales:

- Admin1 only
- Admin1 and Admin2 only
- Admin1 and Admin3 only
- Admin1, Admin2, and Admin3

Reference:

https://docs.microsoft.com/en-us/azure/active-directory/enterprise-users/groups-naming-policy

Question: 194

You have a Azure subscription.

You enable Azure Active Directory (Azure AD) Privileged identify (PIM).

Your company's security policy for administrator accounts has the following conditions:

* The accounts must use multi-factor authentication (MFA).
* The account must use 20-character complex passwords.
* The passwords must be changed every 180 days.
* The account must be managed by using PIM.

You receive alerts about administrator who have not changed their password during the last 90 days.

You need to minimize the number of generated alerts.

Which PIM alert should you modify?

A. Roles don't require multi-factor authentication for activation.
B. Administrator aren't using their privileged roles
C. Roles are being assigned outside of Privileged identity Management
D. Potential state accounts in a privileged role.

Answer: D

Explanation:

Reference:

https://docs.microsoft.com/en-us/azure/active-directory/privileged-identity-management/pim- how-to-configure-security-alerts?tabs=new

Question: 195

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

You have the deleted objects shown in the following table.

Name	Type	Deleted on
Groupl	Security group	April 5, 2020
Group2	Office 365 group	April 5. 2020
Userl	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: B,C

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

Question: 196

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

Question: 197

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

Name	Subscription role	Azure Active Directory (Azure AD) user role	Multi-factor authentication (MFA) status
User1	Owner	Authentication administrator	Enabled
User2	*None*	Global administrator	Enforced
User3	*None*	Global administrator	Disabled

Which users can enable Azure AD Privileged Identity Management (PIM)?

A. User2 and User3 only
B. User1 and User2 only
C. User2 only
D. User1 only

Answer: B

Explanation:

Reference:
https://docs.microsoft.com/en-us/azure/active-directory/privileged-identity-management/pim- deployment-plan

Question: 198

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

Question: 199

You have an Azure subscription linked to an Azure Active Directory Premium Plan 1 tenant.
You plan to implement Azure Active Directory (Azure AD) Identity Protection.
You need to ensure that you can configure a user risk policy and a sign-in risk policy.

What should you do first?

A. Purchase Azure Active Directory Premium Plan 2 licenses for all users.
B. Register all users for Azure Multi-Factor Authentication (MFA).
C. Enable security defaults for Azure AD.
D. Upgrade Azure Security Center to the standard tier.

Answer: A

Explanation:

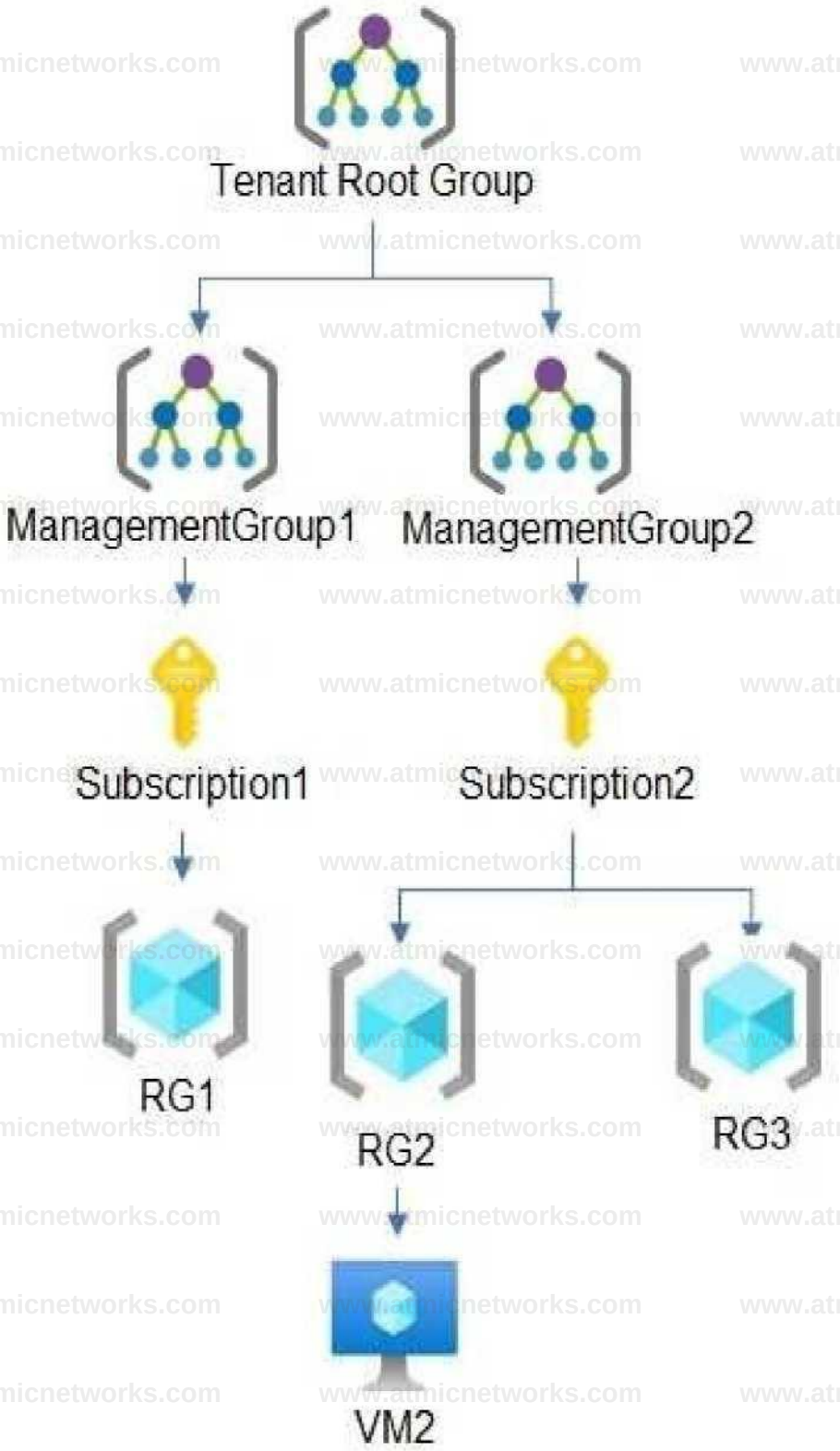
Reference:

https://docs.microsoft.com/en-us/azure/active-directory/authentication/tutorial-risk-based-sspr- mfa

Question: 200

HOTSPOT

You have the hierarchy of Azure resources shown in the following exhibit.



RG1, RG2, and RG3 are resource groups.

RG2 contains a virtual machine named VM1.

You assign role-based access control (RBAC) roles to the users shown in the following table.

Name	Role	Added to resource
Userl	Contributor	Tenant Root Group
User2	Virtual Machine Contributor	Subscription2
User3	Virtual Machine Administrator Login	RG2

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
Userl can deploy virtual machines to RG1.	O	O
User2 can delete VM2	O [O]	
User3 can reset the password of the built-in Administrator account of VM2.	O	O

Answer:

Explanation:

Statements	Yes	No
Userl can deploy virtual machines to RG1.	O	O
User2 can delete VM2	O | O]	
User3 can reset the password of the built-in Administrator account of VM2	O	

Question: 201

HOTSPOT

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:

- Analytics
- Data connectors
- Playbooks
- Workbooks

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

- Analytics
- Data connectors
- Playbooks
- Workbooks

Answer:

Explanation:

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

- Analytics
- Data connectors
- Playbooks
- Workbooks

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

- Analytics
- Data connectors
- Playbooks
- Workbooks

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

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Question: 202

HOTSPOT

You have an Azure subscription.

You need to create and deploy an Azure policy that meets the following requirements:

When a new virtual machine is deployed, automatically install a custom security extension. Trigger an autogenerated remediation task for non-compliant virtual machines to install the extension.

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

NOTE: Each correct selection is worth one point.

Definition effect:

- Append
- DeployIfNotExists
- EnforceOPAConstraint
- EnforceRegoPolicy
- Modify

Assignment remediation task:

- A managed identity that has the Contributor role
- A managed identity that has the User Access Administrator role
- A service principal that has the Contributor role
- A service principal that has the User Access Administrator role

Answer:

Explanation:

Definition effect ▼

Append

DeploytfNotExists EnforceOPAConstraint EnforceRegoPolicy Modify

Assignment remediation task: I ^

A managed identity that has the Contributor role

A managed identity that has the User Access Administrator role A service pnncipal that has the Contributor role

A service principal that has the User Access Administrator role

Reference:

https://docs.microsoft.com/en-us/azure/governance/policy/how-to/remediate-resources

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Question: 203

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

Name	Type	Category
Initiative1	Initiative definition	Security Center
Initiative2	Initiative definition	My Custom Category
Policy1	Policy definition	Security Center
Policy2	Policy definition	My Custom Category

You need to identify which initiatives and policies you can add to Subscription1 by using Azure Security Center.

What should you identify?

A. Policy1 and Policy2 only
B. Initiative1 only
C. Initiative1 and Initiative2 only
D. Initiative1, Initiative2, Policy1, and Policy2

Answer: D

Explanation:

Reference:
https://docs.microsoft.com/en-us/azure/security-center/custom-security-policies

Question: 204

You have an Azure subscription named Sub1.

In Azure Security Center, you have a workflow automation named WF1. WF1 is configured to send an email message to a user named User1.

You need to modify WF1 to send email messages to a distribution group named Alerts.

What should you use to modify WF1?

A. Azure Application Insights
B. Azure Monitor
C. Azure Logic Apps Designer
D. Azure DevOps

Answer: C

Explanation:

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

https://docs.microsoft.com/en-us/learn/modules/resolve-threats-with-azure-security-center/6- exerciseconfigure-playbook

Question: 205

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

Question: 206

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

Question: 207

DRAG DROP

You have an Azure Sentinel workspace that has an Azure Active Directory (Azure AD) data connector.

You are threat hunting suspicious traffic from a specific IP address.

You need to annotate an intermediate event stored in the workspace and be able to reference the IP address when navigating through the investigation graph.

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
Add the query to Favorites.	
From the Azure Sentinel workspace, run an Azure Log Analytics query.	
In a Jupyter notebook, create a reference to the IP address	
Add a bookmark and assign a tag	
Add a bookmark and map an entity	
From Azure Monitor, run an Azure Log Analytics query	
Select a query result	

Answer:

Explanation:

From the Azure Sentinel workspace, run an Azure Log Analytics query.

Select a query result.

Add a bookmark and map an entity.

Reference:
https://docs.microsoft.com/en-us/azure/sentinel/bookmarks

Question: 208
HOTSPOT

You have 20 Azure subscriptions and a security group named Group1. The subscriptions are children of the root management group.

Each subscription contains a resource group named RG1.

You need to ensure that for each subscription RG1 meets the following requirements:

The members of Group1 are assigned the Owner role.
The modification of permissions to RG1 is prevented.
What should you do? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Configure role-based access control (RBAC) role assignments by using:

- Azure Blueprints
- Azure Policy
- Azure Security Center

Prevent the modification of permissions to RG1 by using:

- A resource lock
- A role-based access control (RBAC) role assignment at the resource group level
- Azure Blueprint assignments in locking mode

Answer:

Explanation:

Configure role-based access control (RBAC) role assignments by using:

- Azure Blueprints
- Azure Policy
- Azure Security Center

Prevent the modification of permissions to RG1 by using:

- A resource lock
- A role-based access control (RBAC) role assignment at the resource group level
- Azure Blueprint assignments in locking mode

Question: 209

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 an initiative and an assignment that is scoped to the Tenant Root Group management group.

Does this meet the goal?

A. Yes
B. No

Answer: A

Explanation:

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

https://4sysops.com/archives/apply-governance-policy-to-multiple-azure-subscriptions-with-management-groups/

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Question: 210

You have an Azure environment.

You need to identify any Azure configurations and workloads that are non-compliant with ISO 27001 standards. What should you use?

A. Azure Sentinel
B. Azure Active Directory (Azure AD) Identity Protection
C. Azure Security Center
D. Azure Advanced Threat Protection (ATP)

Answer: C

Explanation:

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

Question: 211

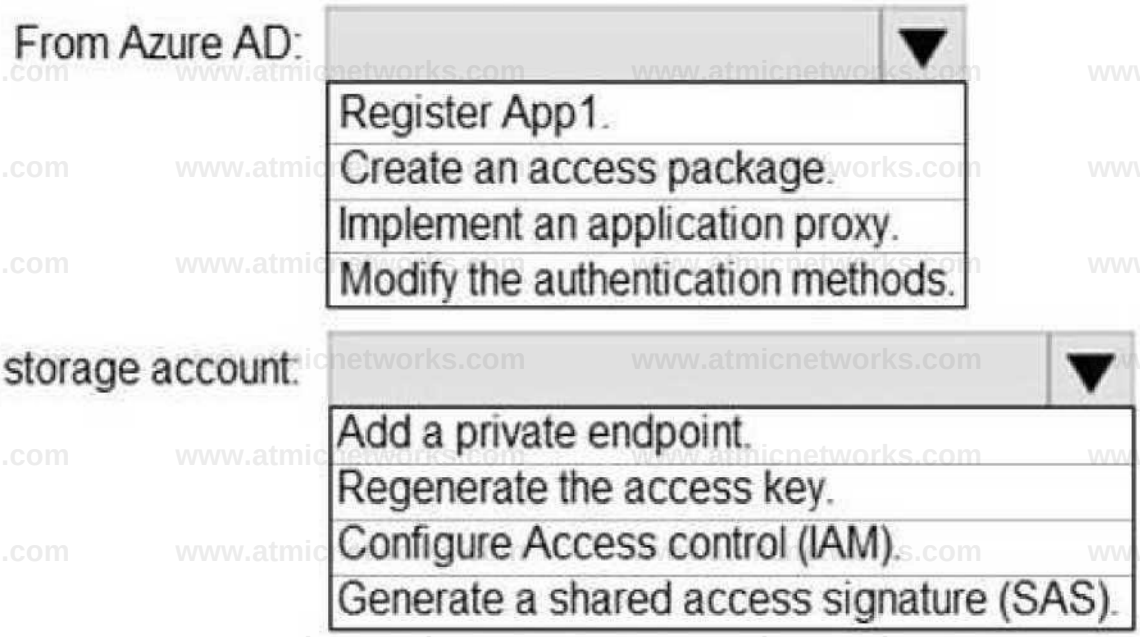
HOTSPOT

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.

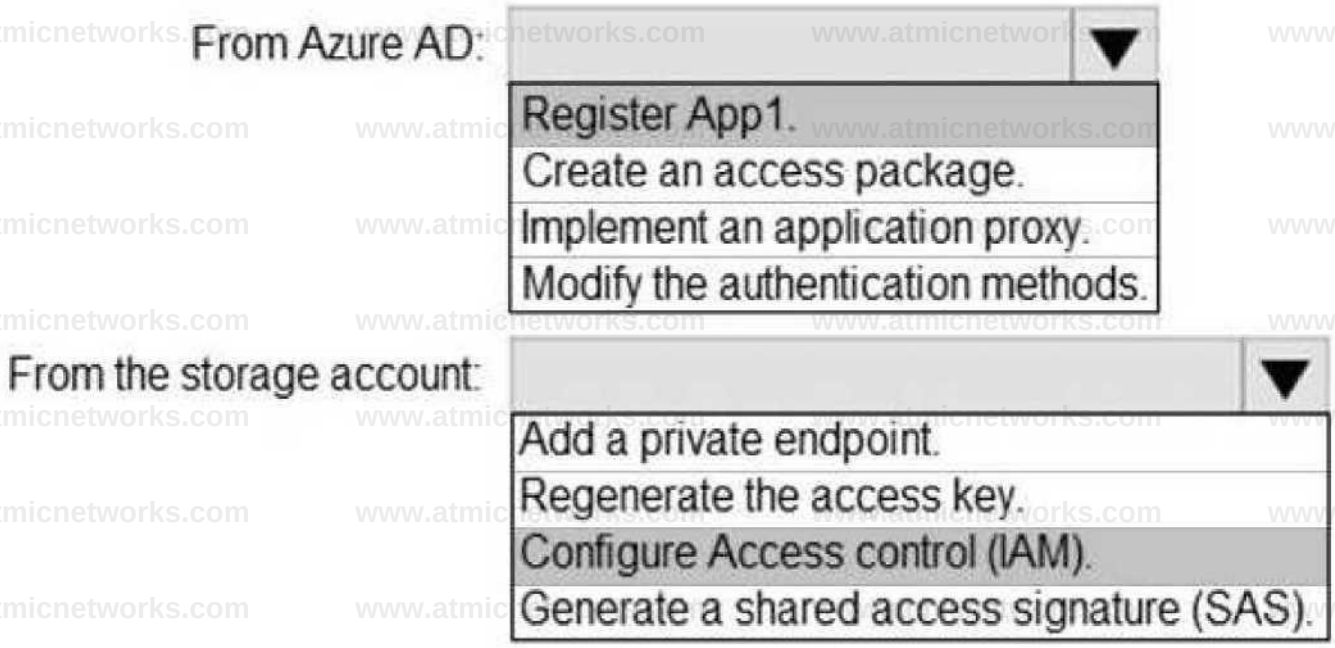
What should you do? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.



Answer:

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.md

Question: 212
HOTSPOT

You have an Azure subscription that contains an Azure key vault named ContosoKey1.

You create users and assign them roles as shown in the following table.

Name	Subscription role assignment	ContosoKeyl role assignment
Used	Owner	*None*
User2	Security Admin	*None*
User3	*None*	User Access Administrator
User4	*None*	Key Vault Contributor

You need to identify which users can perform the following actions:

Delegate permissions for ContsosKey1.
Configure network access to ContosoKey1.

Which users should you identify? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Delegate permissions for ContosoKeyl: I _____

User1 only
User1 and User2 only
User1 and User3 only
User1 and User4 only
User1, User2, and User3 only
User1, User2, User3, and User4

Configure network access to ContosoKeyl: 1

User1 only
Used and User2 only
User1 and User3 only
User1 and User4 only
User1 User2 and User3 only
User1, User2, User3, and User4

Answer:

Explanation:

Delegate permissions for ContosoKeyl ^

Useri only
Useri and User2 only
Useri and User3 only
Useri and User4 only
Useri User2 and User3 only
Useri, User2, User3, and User4

Configure network access to ContosoKey

Useri only
Useri and User2 only
Useri and User3 only
Useri and User4 only
Useri . User2. and User3 only
Useri. User2. User3, and User4

Reference:
https://docs.microsoft.com/en-gb/azure/key-vault/general/rbac-guide

Question: 213

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

Explanation:

Question: 214

HOTSPOT

You plan to implement an Azure function named Function1 that will create new storage accounts for containerized application instances.

You need to grant Function1 the minimum required privileges to create the storage accounts. The solution must minimize administrative effort.

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

NOTE: Each correct selection is worth one point.

Assign role to: V

A group account

A system-assigned managed identity

A user account

A user-assigned managed identity

Role assignment to create: ▼

Built-in role assignment

Classic administrator role assignment

Custom role-based access control (RBAC) role assignment

Answer:

Explanation:

Assign role to: V

A group account

A system-assigned managed identity

A user account

A user-assigned managed identity

Role assignment to create: ▼

Built-in role assignment

Classic administrator role assignment

Custom role-based access control (RBAC) role assignment

Reference:

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

https://docs.microsoft.com/en-us/azure/active-directory/managed-identities-azure- resources/howto-assign-access-portal

Question: 215

You have an Azure subscription that is linked to an Azure Active Directory (Azure AD) tenant.

From the Azure portal, you register an enterprise application.

Which additional resource will be created in Azure AD?

A. a service principal

B. an X.509 certificate
C. a managed identity
D. a user account

Answer: A

Explanation:

Reference:
https://docs.microsoft.com/en-us/azure/active-directory/develop/active-directory-how- applications-are-added

Question: 216
HOTSPOT

You have an Azure subscription that contains a storage account named storage1 and several virtual machines. The storage account and virtual machines are in the same Azure region. The network configurations of the virtual machines are shown in the following table.

Name	Public IP address	Connected to
VM1	52.232.128.194	VNETl/Subnetl
VM2	52.233.129.82	VNET2/Subnet2
VM3	52.233.130.11	VNET3/Subnet3

The virtual network subnets have service endpoints defined as shown in the following table.

Name	Service endpoint
VNETl/Subnetl	Microsoft.Storage
VNET2/Subnet2	***None***
VNET3/Subnet3	Microsoft.KeyVault

You configure the following Firewall and virtual networks settings for storage1:

Allow access from: Selected networks
Virtual networks: VNET3\Subnet3
Firewall – Address range: 52.233.129.0/24

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
V M1 can connect to storagel.	o	O
V M2 can connect to storagel.	o	O
V M3 can connect to storagel.	O	O

Answer:

Explanation:

Statements	Yes	No
V M1 can connect to storagel.	o	O
V M2 can connect to storagel.	| o	O
V M3 can connect to storagel.	O	|o |

Box 1: No

VNet1 has a service endpoint configure for Azure Storage. However, the Azure storage does not allow access from VNet1 or the public IP address of VM1.

Box 2: Yes

VNet2 does not have a service endpoint configured. However, the Azure storage allows access from

the public IP address of VM2.

Box 3: No

Azure storage allows access from VNet3. However, VNet3 does not have a service endpoint for Azure storage. The Azure storage also does not allow access from the public IP of VM3.

Question: 217

You plan to create an Azure Kubernetes Service (AKS) cluster in an Azure subscription.

The manifest of the registered server application is shown in the following exhibit.

Save Discard Upload Download

The editor below allows you to update this application by directly modifying its JSON representation. For more details, see: Understundiuu tk> Azure AJiv*- Dire- tory applir atii n manifest

```
1 I
2       "id": "d6b00db3-7ef4-4f3c-ble7-8346f0a59546",
3       "acceptMappedClaims": null,
4       "accessTokenAcceptedVersion": nu.L,
5       "addins": [],
6       "allowPublicClient": n. .,
7       "appld": ":i 1 1 374          -€a75-4c20-903a-f7bl 1 ff7d494 ",
8       "appRoles": [],
9       "oauth2AllowUrlPathMatching":                    false#
10    "createdDateTime": "2019-07-15T21:'A^ : 2                    ",
11      "groupMembershipClaims": null,
12      "identifierUris": [],
13      "informationalUrls": {
14            "termsOfService": null,
15            "support": null,
16            "privacy": null,
17            "marketing": null
18      b
19      "keycredentials": [],
20      "knownClientApplications": [],
21      "logoUrl": null,
22      "logoutUrl": nul ,
23      "name": "AKi'Anur-AD?-rv* •;",
24      "oauth2AllowIdTokenImplicitFlow":                    ,
25      "oauth2AllowlmplicitFlow": : .                    ,
26      "oauth2Permissions": [],
27      "oauth2RequirePostResponse": in I.so,
28      "optionalClaims": null,
29      "orgRestrictions": [],
30      "parentalControlSettings": {
```

You need to ensure that the AKS cluster and Azure Active Directory (Azure AD) are integrated.

Which property should you modify in the manifest?

A. accessTokenAcceptedVersion
B. keyCredentials
C. groupMembershipClaims
D. acceptMappedClaims

Answer: C

Explanation:

Reference:
https://docs.microsoft.com/en-us/azure/aks/azure-ad-integration-cli

https://www.codeproject.com/Articles/3211864/Operation-and-Maintenance-of-AKS-Applications

Question: 218
HOTSPOT

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

Name	Location	Subnet	Peered network
VNET1	East US	Subnetl	VNET2
VNET2	West US	Subnet?, Subnets	VNET1
VNET4	East US	Subnet-4	*None*

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

Name	Application security group	Network security group (NSG)	Connected to	Public IP address
VM1	ASG1	NSG1	Subnetl	No
VM2	ASG2	NSG1	Subnet?	No
VM3	ASG2	NSG1	SubnetB	Yes
VM4	ASG4	NSG1	Subnet4	Yes

The firewalls on all the virtual machines allow ping traffic.

NSG1 is configured as shown in the following exhibit.

Inbound security rules

Priority	Name	Port	Protocol	Source	Destination	Action
110	Allow_RDP	3389	Any	Any	Any	o Allow -
130	Rulel	Any	Any	9 ASG1	Any	e Allow -
140	Rule2	Any	Any	9 ASG2	Any	© Allow -
150	Rule3	Any	Any	9 ASG4	Any	© Allow -
160	A Rule4	Any	Any	Any	Any	o Deny -
65000	AllowVnetinBound	Any	Any	VirtualNetwork	VirtualNetwork	© Allow -
65001	AllowAzureLoadBalan...	Any	Any	AzureLoadBalancer	Any	e Allow -
65500	DenyAllInBound	Any	Any	Any	Any	o Deny -

Outbound security rules

Priority	Name	Port	Protocol	Source	Destination	Action
65000	AllowVnetOutBound	Any	Any	VirtualNetwork	VirtualNetwork	o Allow -
65001	AllowInternetOutBou...	Any	Any	Any	Internet	© Allow ■••
65500	DenyAllOutBound	Any	Any	Any	Any	o Deny -

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
v M1 can ping VM3 successfully.	O	O
v M2 can ping VM4 successfully.		
v M3 can be accessed by using Remote Desktop from the internet.		

Answer:

Explanation:

Statements	Yes	No
v M1 can ping VM3 successfully.	|O|	O
v M2 can ping VM4 successfully		
v M3 can be accessed by using Remote Desktop from the internet.		

Box 1: Yes

V M1 and VM3 are on peered VNets. The firewall rules with a source of ASG1 and ASG2 allow 'any' traffic on 'any' protocol so pings are allowed between VM1 and VM3.

Box 2: No

V M2 and VM4 are on separate VNets and the VNets are not peered. Therefore, the pings would have to go over the Internet. VM4 does have a public IP and the firewall allows pings. However, for VM2 to be able to ping VM4, VM2 would also need a public IP address. In Azure, pings don't go out through the default gateway as they would in a physical network. For an Azure VM to ping external IPs, the VM must have a public IP address assigned to it.

Box 3: Yes

V M3 has a public IP address and the firewall allows traffic on port 3389.

Question: 219

HOTSPOT

On Monday, you configure an email notification in Azure Security Center to notify user user1@contoso.com.

On Tuesday, Security Center generates the security alerts shown in the following table.

Time	Description	Severity
01:00	Failed RDP brute force attack	Medium
01:01	Successful RDP brute force attack	High
06:10	Suspicious process executed	High
09:00	Malicious SQL activity	High
11:15	Network communication with a malicious machine detected	Low
13:30	Suspicious process executed	High
14:00	Failed RDP brute force attack	Medium
16:01	Successful RDP brute force attack	High
23:20	Possible outgoing spam activity detected	Low
23:25	Modified system binary discovered in dump file	High
23:30	Malicious SQL activity	High

How many email notifications will user1@contoso.com receive on Tuesday? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Total number of Security Center email notifications about an RDP brute force attack on Tuesday:

1
2
3
4

Total number of Security Center email notifications on Tuesday:

3
4
6
9
11

Answer:

Explanation:

Total number of Security Center email notifications about an RDP brute force attack on Tuesday:

- 1
- 2
- 3
- 4

Total number of Security Center email notifications on Tuesday:

- 3
- 4
- 6
- 9
- 11

Reference:

https://docs.microsoft.com/en-us/azure/security-center/security-center-provide-security-contact- details

Question: 220

DRAG DROP

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 storagel.

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

Implement Azure AD Connect.

Create a service endpoint to storagel.

Assign share-level permissions for sharel.

Answer:

Explanation:

Implement Azure AD Connect.

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

Assign share-level permissions for share1.

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

Question: 221
HOTSPOT

You have a management group named Group1 that contains an Azure subscription named sub1.
Sub1 has a subscription ID of 11111111-1234-1234-1234-1111111111.

You need to create a custom Azure role-based access control (RBAC) role that will delegate permissions to manage the tags on all the objects in Group1.

What should you include in the role definition of Role1? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Resource provider: *

Microsoft.Authorization _
Microsoft.Resources
Microsoft.Support

Assignable scope:

/
/Groupl
/subscriptions/11111111 -1234-1234-1234-
1111111111

Answer:

Explanation:

Resource provider:

Microsoft.Authorization
Microsoft.Resources
Microsoft.Support

Assignable scope:

/
/Groupl
/subscriptions/11111111-1234-1234-1234-1111111111

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Note: Assigning a custom RBAC role as the Management Group level is currently in preview only. So, for now the answer to the assignable scope is the subscription level.

Reference:
https://docs.microsoft.com/en-us/azure/role-based-access-control/resource-provider-operations

https://docs.microsoft.com/en-us/azure/role-based-access-control/custom-roles

https://docs.microsoft.com/en-us/azure/role-based-access-control/custom-roles-portal#step-5- assignable-scopes

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Question: 222
HOTSPOT

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

Name	Type
Rolel	Azure Active Directory (Azure AD)
Role2	Azure subscription

In the Azure portal, you plan to create new custom roles by cloning existing roles. The new roles will be configured as shown in the following table.

Name	Type
Role3	Azure AD
Role4	Azure subscription

Which roles can you clone to create each new role? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Role3: v

Rolel only
Built-in Azure AD roles only
Rotel and built-in Azure AD roles only ~
Rolel, built-in Azure AD roles, and built-in Azure subscription roles

Role4: *

Role2 only
Built-in Azure AD roles only
Role2 and built-in Azure subscription roles only
Role2, built-in Azure subscription roles, and built-in Azure AD roles

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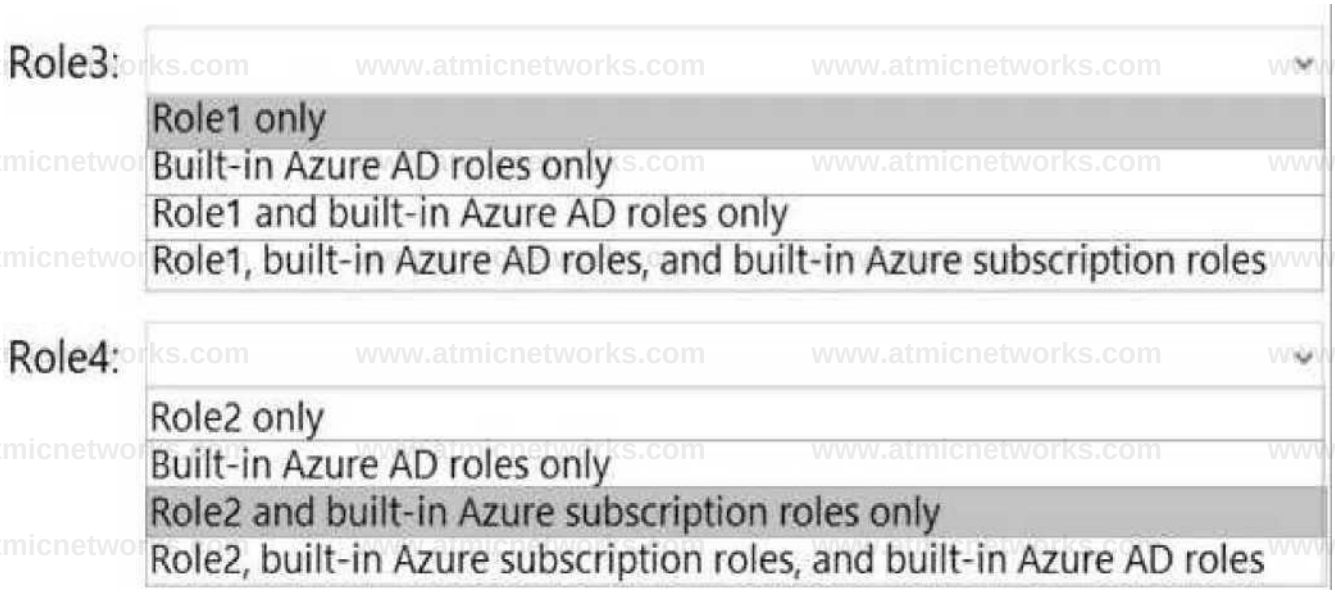
Answer:

Explanation:



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

Reference:

https://docs.microsoft.com/en-us/azure/active-directory/roles/custom-create

https://docs.microsoft.com/en-us/azure/role-based-access-control/custom-roles-portal

Question: 223

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

Name	Type
VM1	Virtual machine
VNET1	Virtual network
storage 1	Storage account
Vaultl	Key vault

You plan to enable Azure Defender for the subscription.

Which resources can be protected by using Azure Defender?

A. VM1, VNET1, storage1, and Vault1

B. VM1, VNET1, and storage1 only

C. VM1, storage1, and Vault1 only

D. VM1 and VNET1 only
E. VM1 and storage1 only

Answer: A

Explanation:

Reference:
https://docs.microsoft.com/en-us/azure/security-center/azure-defender

Question: 224
DRAG DROP

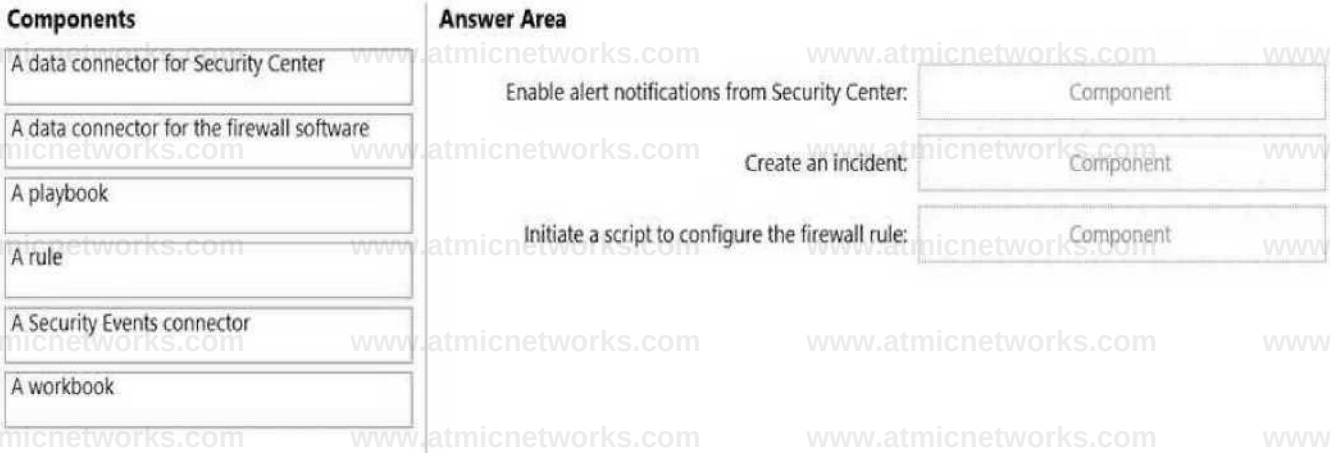
You have an Azure subscription that contains the following resources:

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.



Answer:

Explanation:

Enable alert notifications from Security Center:	A data connector for Security Center
Create an incident:	A rule
Initiate a script to configure the firewall rule:	A playbook

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

Question: 225

HOTSPOT

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

Name	Type	Description
EventHubl	Azure Event Hubs	Not applicable
Adf1	Azure Data Factory	Not applicable
NVA1	Network virtual appliance (NVA)	The NVA sends security event messages in the Common Event Format (CEF).

You have an Azure subscription named Subscription2 that contains the following resources:

An Azure Sentinel workspace

An Azure Event Grid instance

You need to ingest the CEF messages from the NVAs to Azure Sentinel.

What should you configure for each subscription? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Subscription1:

- An Azure Log Analytics agent on a Linux virtual machine
- A Data Factory pipeline
- An Event Hubs namespace
- An Azure Service Bus queue

Subscription2:

- A new Azure Log Analytics workspace
- A new Azure Sentinel data connector
- A new Azure Sentinel playbook
- A new Event Grid resource provider

Answer:

Explanation:

Subscription1:

- An Azure Log Analytics agent on a Linux virtual machine
- A Data Factory pipeline
- An Event Hubs namespace
- An Azure Service Bus queue

Subscription2:

- A new Azure Log Analytics workspace
- A new Azure Sentinel data connector
- A new Azure Sentinel playbook
- A new Event Grid resource provider

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

Question: 226

You have an Azure subscription that contains an Azure SQL database named sql1.

You plan to audit sql1.

You need to configure the audit log destination. The solution must meet the following requirements:

Support querying events by using the Kusto query language.

Minimize administrative effort.

What should you configure?

A. an event hub

B. a storage account
C. a Log Analytics workspace

Answer: C

Explanation:

Reference:
https://docs.microsoft.com/en-us/azure/active-directory/reports-monitoring/tutorial-log-analytics- wizard

Question: 227

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 loqs 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

Question: 228

You have a web app hosted on an on-premises server that is accessed by using a URL of https://www.contoso.com. You plan to migrate the web app to Azure. You will continue to use https://www.contoso.com. You need to enable HTTPS for the Azure web app. What should you do first?

A. Export the public key from the on-premises server and save the key as a P7b file.
B. Export the private key from the on-premises server and save the key as a PFX file that is encrypted by using TripleDES.
C. Export the public key from the on-premises server and save the key as a CER file.
D. Export the private key from the on-premises server and save the key as a PFX file that is encrypted by using AES256.

Answer: B

Explanation:
https://docs.microsoft.com/en-us/azure/app-service/configure-ssl-certificate#private-certificate- requirements

Question: 229

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

Name	Location	Virtual network name
VM1	East US	VNET1
VM2	West US	VNET2
VM3	East US	VNET1
VM4	West US	VNET3

All the virtual networks are peered.
You deploy Azure Bastion to VNET2.
Which virtual machines can be protected by the bastion host?

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

Answer: A

Explanation:

https://docs.microsoft.com/en-us/azure/bastion/vnet-peering

Question: 230

HOTSPOT

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

Name		Resource group
_RG1 _____ RG2	Resource group _____ Resource group	Not applicable Not applicable
RG3	Resource group	Net applicable
SQL!	Azure SQL Diabase	MB

Transparent Data Encryption (TDE) is disabled on SQL1.
You assign polices to the resource groups as shown in the following table.

Name	Condition	Effect if condition is false	Assignment
Policy!	TDE enabled	Deny	SGI. RG2
Policy?	TD£ enabled	deployifNotEx 1stt	RG2.R63
Policy}	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	Yet No
SQII will have IDE enabled automatically	O
The deployment ot SOU will tai	

SQL) win be deployed and maritfi * «*<omoMnt.

Answer:

Explanation:

Statements	Ya ND
SQL[1] MI have IDE autfed rtonflxfly.	•
The deptoymwl of SQL2 will fail.	‘
SQu MiI 6e cieptyHi and mareea as noncom pium •	

Graphical user interface, text, application Description automatically generated

Question: 231

HOTSPOT

You have an Azure subscription that contains three storage accounts, an Azure SQL managed instance named SQL and three Azure SQL databases. The storage accounts are configured as shown in the following table.

SQ11 has the following settings:

- Auditing: On
- Audit tog destination: storage1

The Azure SQL databases are configured as shown in the following table.

Answer Area

Statements	Yes	No
Audit events for OBI are written to storagel	O	O
Audit events for 062 are written to storagel and storage?		O
Storage? can be used as an audit loo destination for 083. L)		

Answer:

Explanation:

Answer Area

Audit events for DB 1 are written to storagel.		•
Audit events for D82 are written to storagel and storage?		•
Storage? can be used as an audit I destin iton for DBJ.	O	•

Reference:
https://docs.microsoft.com/en-us/azure/azure-sql/managed-instance/auditing-configure
https://docs.microsoft.com/en-us/azure/azure-sql/database/auditing-overview

Question: 232

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

Explanation:

Question: 233

You plan to deploy an app that will modify the properties of Azure Active Directory (Azure AD) users by using Microsoft Graph. You need to ensure that the app can access Azure AD. What should you configure first?

A. a custom role-based access control (RBAC) role
B. an external identity
C. an Azure AD Application Proxy
D. an app registration

Answer: B

Explanation:
Reference:
https://docs.microsoft.com/en-us/azure/active-directory/develop/active-directory-how-applications-are-added

Question: 234

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

Explanation:

Question: 235

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

Question: 236
HOTSPOT

You have an Azure subscription that contains the Azure Active Directory (Azure AD) resources shown in the following table.

Name	Description
User1	User
Group1	Security group that has a Membership type of Dynamic Device
Managed1	Managed identity
App1	Enterprise application

You create the groups shown in the following table.

Name	Description
Group5	Security group that has a Membership type of Assigned
Group6	Microsoft 365 group that has a Membership type of Assigned

Which resources can you add to Group5 and Group6? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Group5:

- User1 only
- User1 and Group1 only
- User1, Group1, and Managed1 only
- User1, Group1, Managed1, and App1

Group6:

- User1 only
- User1 and Group1 only
- User1, Group1, and Managed1 only
- User1, Group1, Managed1, and App1

Answer:

Explanation:

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Group5:

- User1 only
- User1 and Group1 only
- User1, Group1, and Managed1 only
- User1, Group1, Managed1, and App1

Group6:

- User1 only
- User1 and Group1 only
- User1, Group1, and Managed1 only
- User1, Group1, Managed1, and App1

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Question: 237
HOTSPOT

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

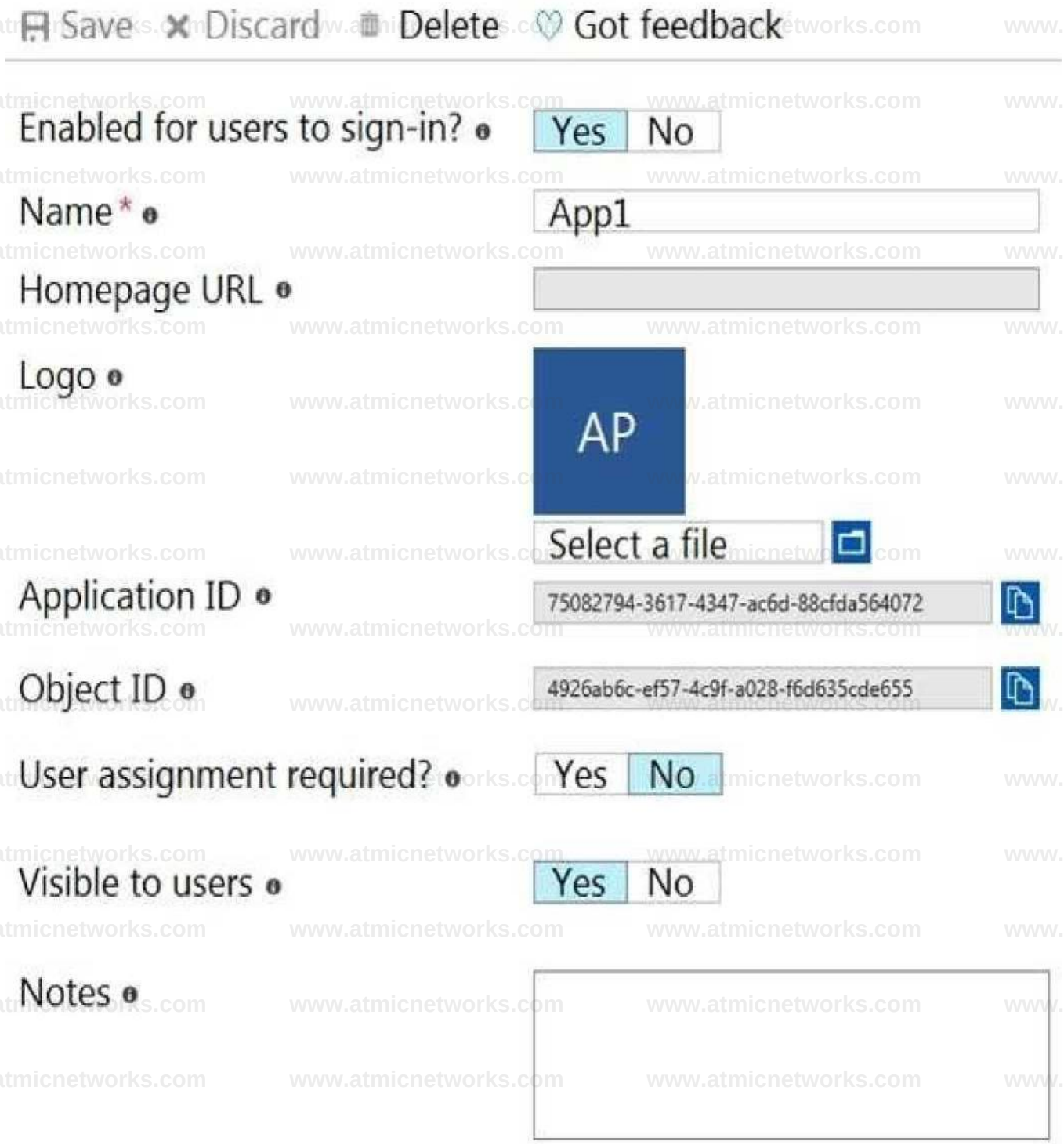
Group3 is a member of Group2.

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.



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 Appl listed on his My Apps portal. O O User2 has Appl listed on her My Apps portal. O O User3 has Appl listed on her My Apps portal.

Answer:

Explanation:

Statements	Yes	No
User1 has Appl listed on his My Apps portal.	O	O
User2 has Appl listed on her My Apps portal.	O	O
User3 has Appl listed on her My Apps portal.		

Text Description automatically generated

Reference:

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

Question: 238

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: A,F

Explanation:

Reference:
https://docs.microsoft.com/en-us/azure/role-based-access-control/built-in-roles

Question: 239
HOTSPOT

Your network contains an on-premises Active Directory domain named adatum.com that syncs to Azure Active Directory (Azure AD).

The Azure AD tenant contains the users shown in the following table.

Name	Source	Password
Userl	Azure AD	Adatuml23
User2	Azure AD	N3w3rT0Gue33
User3	On-premises Active Directory	ComplexPassword33

You configure the Authentication methods – Password Protection settings for adatum.com as shown in the following exhibit.

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Custom smart lockout

Lockout threshold 10

Lockout duration in seconds 60

Custom banned passwords

Enforce custom list Yes No

Adatum

Custom banned password list O

Password protection for Windows Server Active Directory

Enable password protection on Windows Server Active Directory Yes No

Mode Enforced Audit

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
Userl will be prompted to change the password on the next sign-in.		
User2 can change the password to @d@tum_C0mpleX123.		
User3 can change the password to Adatuml23!.		

Answer:

Explanation:

Statements	Yes	No
Userl will be prompted to change the password on the next sign-in.		
User2 can change the password to @d@tum_C0mpleX123.		
UserS can change the password to Adatuml23!.	O	O

Text Description automatically generated

Reference:
https://docs.microsoft.com/en-us/azure/active-directory/authentication/howto-password-ban-bad- on-premises-deploy

https://docs.microsoft.com/en-us/azure/active-directory/authentication/concept-password-ban-bad

Question: 240
HOTSPOT

Your company has an Azure subscription named Subscription1. Subscription1 is associated with the Azure Active Directory tenant that includes the users shown in the following table.

Name	Role
Userl	Global administrator
User2	Billing administrator
User3	Owner
User4	Account Admir ¡

The company is sold to a new owner.

The company needs to transfer ownership of Subscription1.

Which user can transfer the ownership and which tool should the user use? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

User:

- User1
- User2
- User3
- User4

Tool:

- Azure Account Center
- Azure Cloud Shell
- Azure PowerShell
- Azure Security Center

Answer:

Explanation:

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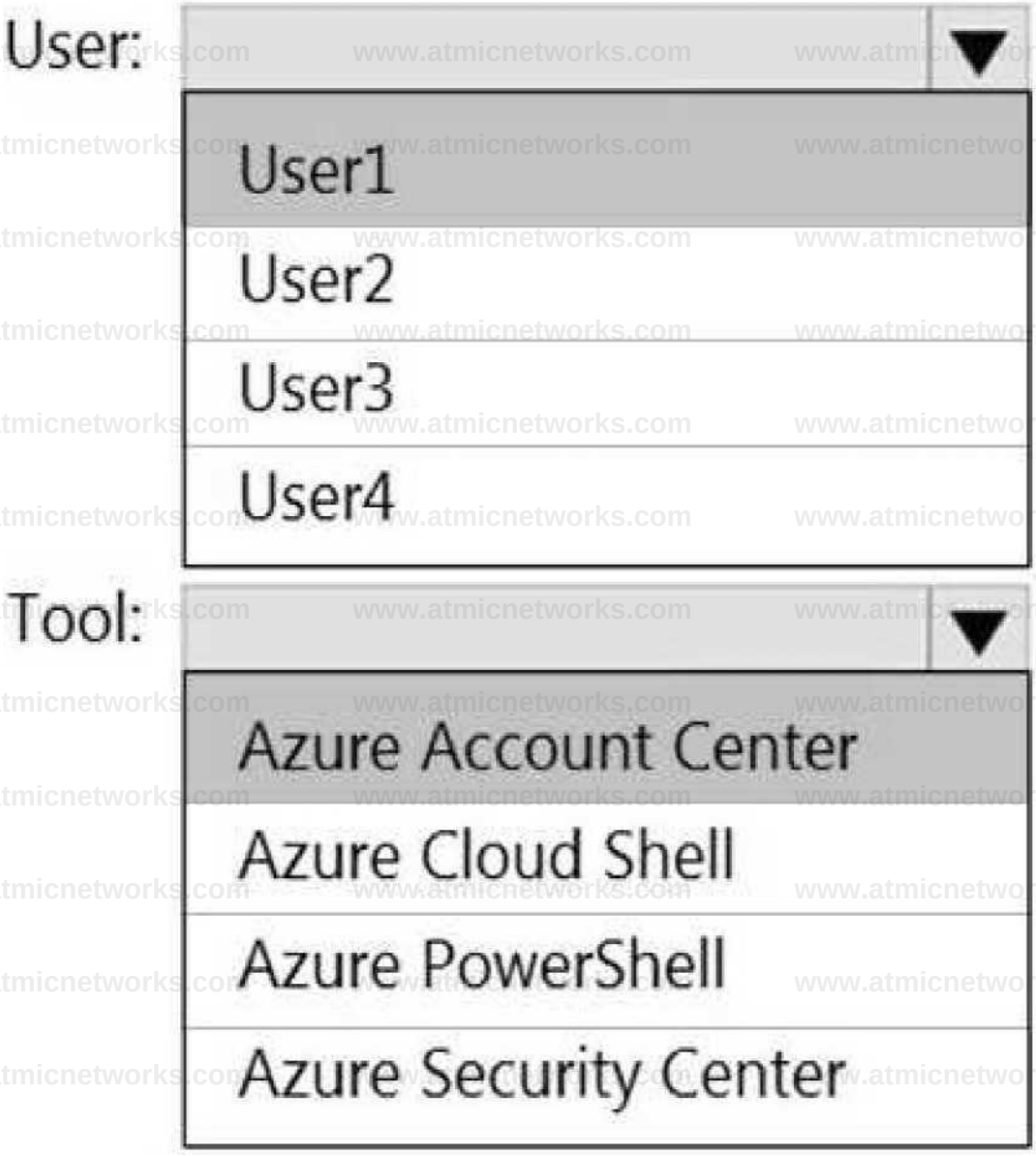

Table Description automatically generated

Reference:
https://docs.microsoft.com/en-us/azure/cost-management-billing/manage/billing-subscription-transfer

Question: 241
HOTSPOT

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
▼ 9 Subscription		
4* Add artifact...		
▼ I RG2	Resource group	2 out of 2 parameters populated
X Userl (U5erl@5k20062Scutlook.onmicrosoft.com): Tag Contributor	Role assignment	1 out of 1 parameters populated
^ Add artifact...		

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.		
Userl can add tags to RG2.		
You can remove Userl from the Tag Contributor role for RG2.		

Answer:

Explanation:

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.	○	○

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

Question: 242

You have an Azure Sentinel deployment.

You need to create a scheduled query rule named Rule1.

What should you use to define the query rule logic for Rule1?

A. a Transact-SQL statement
B. a JSON definition
C. GraphQL
D. a Kusto query

Answer: C

Explanation:
Reference:
https://docs.microsoft.com/en-us/azure/sentinel/tutorial-detect-threats-custom

Question: 243

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

Explanation:

Question: 244

HOTSPOT

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:

- AzureDiagnostics
- CommonSecurityLog
- SecurityAlert
- SecurityEvent
- Syslog

Azure Firewall:

- AzureDiagnostics
- CommonSecurityLog
- SecurityAlert
- SecurityEvent
- Syslog

CEF:

- AzureDiagnostics
- CommonSecurityLog
- SecurityAlert
- SecurityEvent
- Syslog

Answer:

Explanation:

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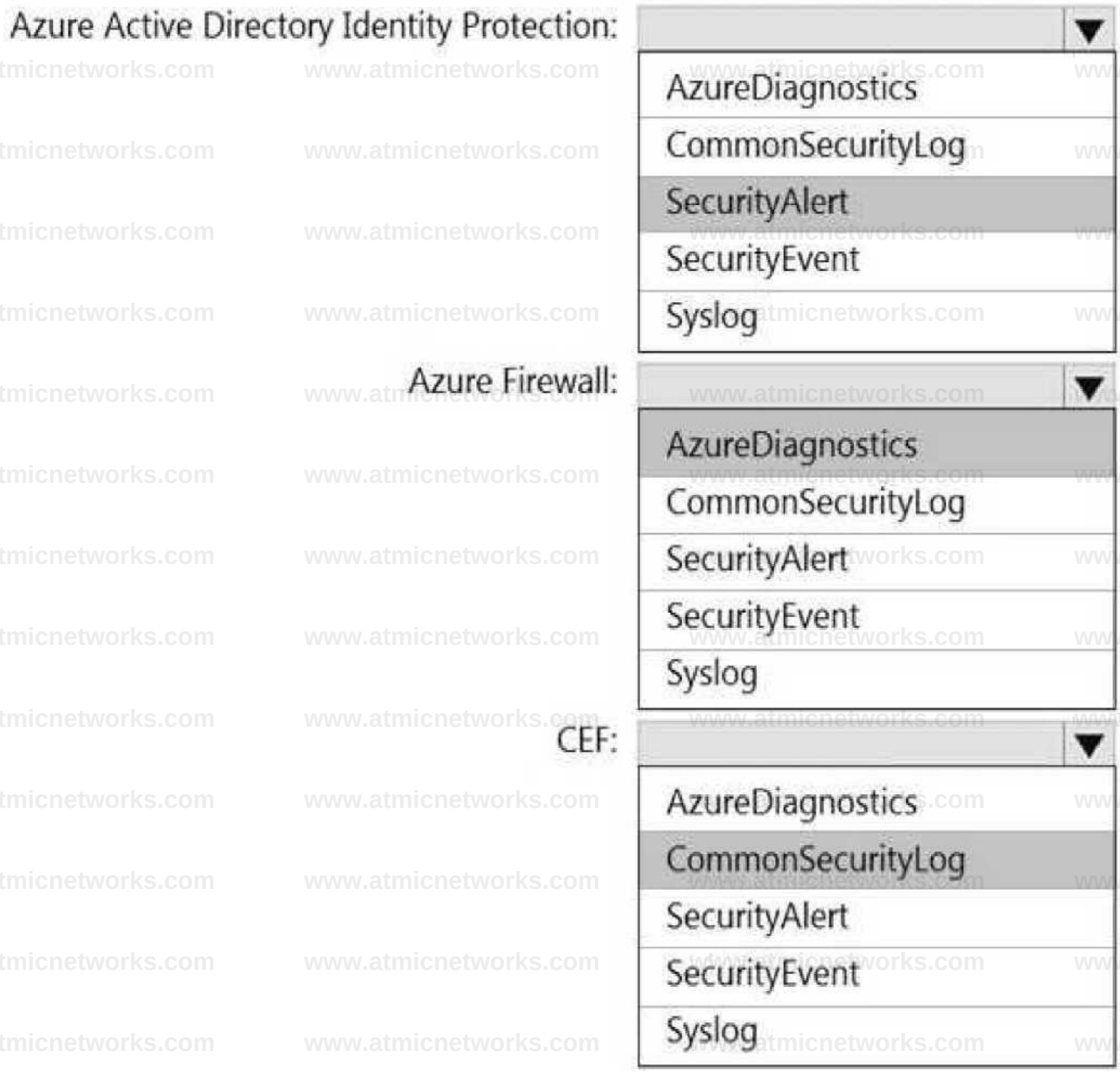


Graphical user interface, application, table Description automatically generated

Question: 245

DRAG DROP

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

Answer:

Explanation:

New-AzStorageAccount

New-AzStorageAccountKey

New-AzStorageTable

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=powershell

Question: 246

You have an Azure subscription that contains an app named App1. App1 has the app registration shown in the following table.

API	Permission	Type	Admin consent required	Status
Microsoft Graph	User,Read	Delegated	No	None
Microsoft.Graph	Calendars.Read	Delegated	No	None

You need to ensure that App1 can read all user calendars and create appointments. The solution must use the principle of least privilege.

What should you do?

A. Add a new Delegated API permission for Microsoft.Graph Calendars.ReadWrite.
B. Add a new Application API permission for Microsoft.Graph Calendars.ReadWrite.
C. Select Grant admin consent.
D. Add a new Delegated API permission for Microsoft.Graph Calendars.ReadWrite.Shared.

Answer: A

Explanation:

Reference:
https://docs.microsoft.com/en-us/graph/permissions-reference#calendars-permissions

Question: 247

DRAG DROP

You have three Azure subscriptions and a user named User1.

You need to provide User1 with the ability to manage and view costs for the resources across all three subscriptions.

The solution must use the principle of least privilege.

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.

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

Actions

- Create a management group.
- Add the three subscriptions to the management group.
- Assign User1 the Global administrator role.
- Assign User1 the Owner role for the management group.
- Assign User1 the Cost Management Contributor role for the management group.

Answer:

Explanation:

Actions

- Create a management group.
- Assign User1 the Owner role for the management group.
- Assign User1 the Cost Management Contributor role for the management group.

Answer Area

| Assign Userl the Cost Management Reader role for the management group.

| 2 | Assign Userl the Global administrator role.

| 3 | Add the three subscriptions to the management group.

Question: 248

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 Update! 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

Explanation:

Question: 249

You have 10 on-premises servers that run Windows Server 2019.
You plan to implement Azure Security Center vulnerability scanning for the servers.
What should you install on the servers first?

A. the Security Events data connector in Azure Sentinel
B. the Microsoft Endpoint Configuration Manager client
C. the Azure Arc enabled servers Connected Machine agent
D. the Microsoft Defender for Endpoint agent

Answer: C

Explanation:

Reference:
https://docs.microsoft.com/en-us/azure/azure-arc/servers/agent-overview

https://docs.microsoft.com/en-us/azure/security-center/deploy-vulnerability-assessment-vm

Question: 250

You need to recommend which virtual machines to use to host App1. The solution must meet the technical requirements for KeyVault1.
Which virtual machines should you use?

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

Answer: D

Explanation:

Question: 251

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

Question: 252

Note: The question is included in a number of questions that depicts the identical set-up. However, every question has a distinctive result. Establish if the solution satisfies the requirements.

Your company has an Active Directory forest with a single domain, named weylandindustries.com. They also have an Azure Active Directory (Azure AD) tenant with the same name.

You have been tasked with integrating Active Directory and the Azure AD tenant. You intend to deploy Azure AD Connect.

Your strategy for the integration must make sure that password policies and user logon limitations affect user accounts that are synced to the Azure AD tenant, and that the amount of necessary servers are reduced.

Solution: You recommend the use of pass-through authentication and seamless SSO with password hash synchronization.

Does the solution meet the goal?

A. Yes
B. No

Answer: A

Explanation:

https://docs.microsoft.com/en-us/azure/active-directory/hybrid/choose-ad-authn

Question: 253

Note: The question is included in a number of questions that depicts the identical set-up. However, every question has a distinctive result. Establish if the solution satisfies the requirements.

Your company has an Active Directory forest with a single domain, named weylandindustries.com. They also have an Azure Active Directory (Azure AD) tenant with the same name.

You have been tasked with integrating Active Directory and the Azure AD tenant. You intend to deploy Azure AD

Connect.

Your strategy for the integration must make sure that password policies and user logon limitations affect user accounts that are synced to the Azure AD tenant, and that the amount of necessary servers are reduced.

Solution: You recommend the use of federation with Active Directory Federation Services (AD FS).

Does the solution meet the goal?

A. Yes
B. No

Answer: B

Explanation:

A federated authentication system relies on an external trusted system to authenticate users. Some companies want to reuse their existing federated system investment with their Azure AD hybrid identity solution. The maintenance and management of the federated system falls outside the control of Azure AD. It's up to the organization by using the federated system to make sure it's deployed securely and can handle the authentication load.

Reference:
https://docs.microsoft.com/en-us/azure/active-directory/hybrid/how-to-connect-pta

Question: 254

Note: The question is included in a number of questions that depicts the identical set-up. However, every question has a distinctive result. Establish if the solution satisfies the requirements.

Your company has an Active Directory forest with a single domain, named weylandindustries.com.
They also have an Azure Active Directory (Azure AD) tenant with the same name.

You have been tasked with integrating Active Directory and the Azure AD tenant. You intend to deploy Azure AD Connect.

Your strategy for the integration must make sure that password policies and user logon limitations affect user accounts that are synced to the Azure AD tenant, and that the amount of necessary

servers are reduced.

Solution: You recommend the use of password hash synchronization and seamless SSO.

Does the solution meet the goal?

A. Yes
B. No

Answer: B

Explanation:

Question: 255

Your company has an Active Directory forest with a single domain, named weylandindustries.com.
They also have an Azure Active Directory (Azure AD) tenant with the same name.
After syncing all on-premises identities to Azure AD, you are informed that users with a givenName attribute starting with LAB should not be allowed to sync to
Azure AD.
Which of the following actions should you take?

A. You should make use of the Synchronization Rules Editor to create an attribute-based filtering rule.
B. You should configure a DNAT rule on the Firewall.
C. B. You should configure a network traffic filtering rule on the Firewall.
D. You should make use of Active Directory Users and Computers to create an attribute-based filtering rule.

Answer: A

Explanation:

Use the Synchronization Rules Editor and write attribute-based filtering rule.

Reference:
https://docs.microsoft.com/en-us/azure/active-directory/hybrid/how-to-connect-sync-change-the- configuration

Question: 256

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:

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

Table Description automatically generated

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

Question: 257

You have been tasked with configuring an access review, which you plan to assigned 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.

Reviewers Group owners

Reviewers Group owners Selected users Members (self) Link to program [1] ----------

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

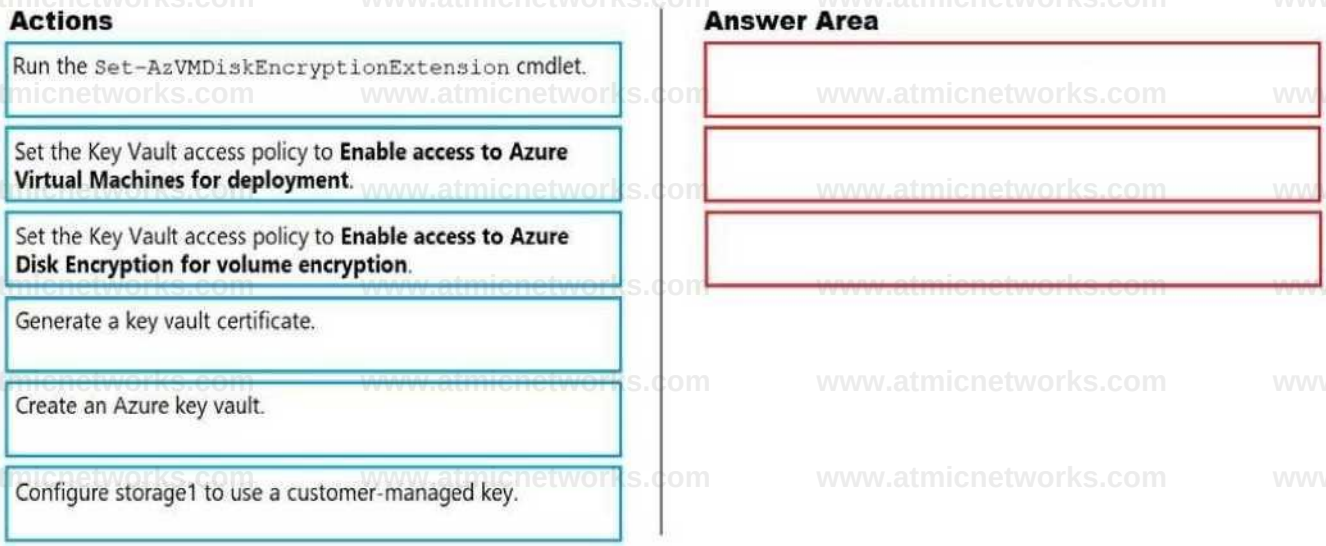
Question: 258

DRAG DROP

You have an Azure Storage account named storage1 and an Azure virtual machine named VM1. VM1 has a premium SSD managed disk.

You need to enable Azure Disk Encryption for VM1.

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 then in the correct order.



Answer:

Explanation:

Graphical user interface, text, application Description automatically generated

Reference:
https://docs.microsoft.com/en-us/azure/virtual-machines/windows/disk-encryption-key-vault

Question: 259
HOTSPOT

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.

storagel:

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: *

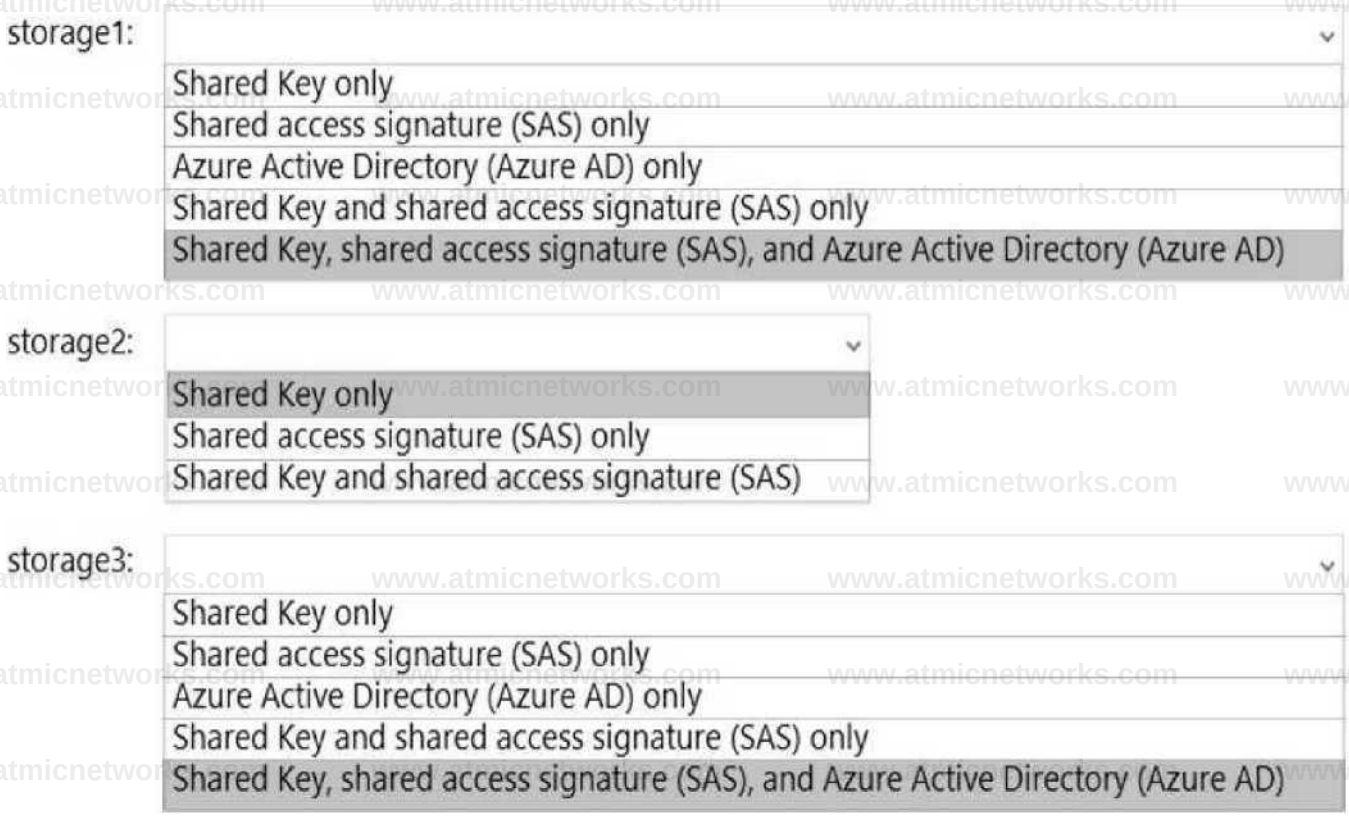
Shared Key only
Shared access signature (SAS' only
Shared Key and shared access signature (SAS)

storages:

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)

Answer:

Explanation:



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

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

Question: 260

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

Explanation:

Question: 261

You have an Azure subscription that contains 100 virtual machines and has Azure Security Center Standard tier enabled.
You plan to perform a vulnerability scan of each virtual machine.
You need to deploy the vulnerability scanner extension to the virtual machines by using an Azure Resource Manager template.
Which two values should you specify in the code to automate the deployment of the extension to the

virtual machines? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

A. the user-assigned managed identity
B. the workspace ID
C. the Azure Active Directory (Azure AD) ID
D. the Key Vault managed storage account key
E. the system-assigned managed identity
F. the primary shared key

Answer: A,C

Explanation:

Question: 262

HOTSPOT

You have an Azure subscription that contains the following resources:

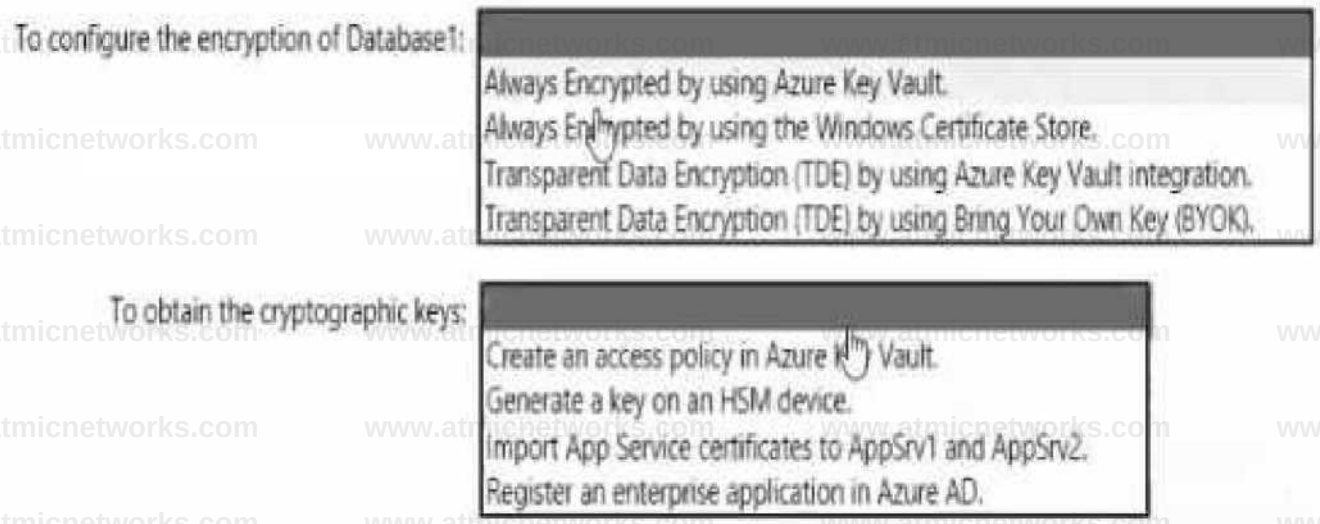
- An Azure key vault
- An Azure SQL database named Database1
- Two Azure App Service web apps named AppSrv1 and AppSrv2 that are configured to use system-assigned managed identities and access Database1

You need to implement an encryption solution for Database1 that meets the following requirements:

- The data in a column named Discount in Database1 must be encrypted so that only AppSrv1 can decrypt the data.
- AppSrv1 and AppSrv2 must be authorized by using managed identities to obtain cryptographic keys.

How should you configure the encryption settings fa Database1 To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point



Answer:

Explanation:

To configure the encryption of Databasel: I h

Always Encrypted by using Azure Key Vault

Always Encrypted by using the Windows Certificate Store.
Transparent Data Encryption (TDE) by using Azure Key Vault integration
Transparent Data Encryption (TDE) by using Bring Your Own Key (BYOK)

To obtain the cryptographi c keys: ▼

Create an access policy in Azure Key Vault
Generate a key on an HSM device
Import App Service certificates to AppSrvI and AppSrv2 Register an enterprise application in Azure AD.

Text Description automatically generated with medium confidence

Reference:
https://docs.microsoft.com/en-us/azure/azure-sql/database/always-encrypted-azure-key-vault-configure?tabs=azure-powershell

Question: 263

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 regenerate the Azure storage account access keys.

Does this meet the goal?

A. Yes
B. No

Answer: A

Explanation:

Generating new storage account keys will invalidate all SAS's that were based on the previous keys.

Question: 264

You have a Microsoft 365 tenant that uses an Azure Active Directory (Azure AD) tenant The Azure AD tenant syncs to an on-premises Active Directory domain by using an instance of Azure AD Connect.

You create a new Azure subscription

You discover that the synced on-premises user accounts cannot be assigned rotes in the new subscription.

You need to ensure that you can assign Azure and Microsoft 365 roles to the synced Azure AD user accounts.

What should you do first?

A. Change the Azure AD tenant used by the new subscription.
B. Configure the Azure AD tenant used by the new subscription to use pass-through authenticate
C. Configure the Azure AD tenant used by the new subscription to use federated authentication.
D. Configure a second instance of Azure AD Connect.

Answer: A

Explanation:

Question: 265

HOTSPOT

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

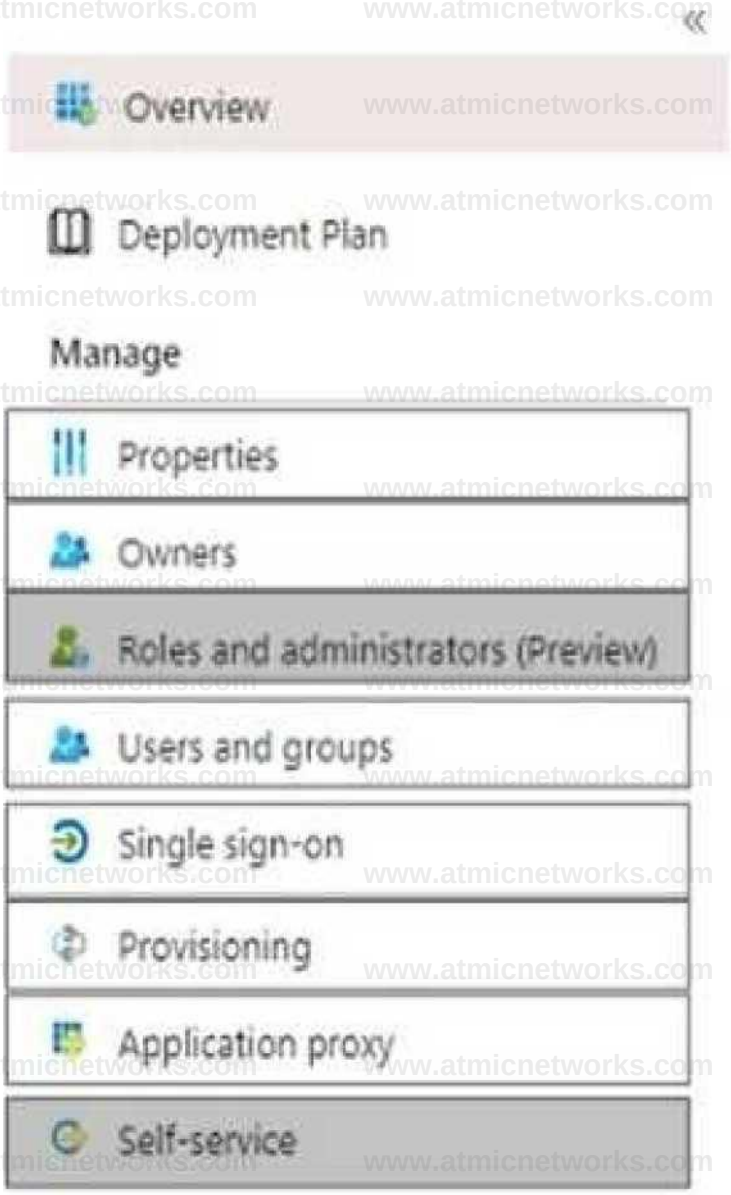
You create an app-specific role named Role1.

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 pant.

Answer:

Explanation:



Graphical user interface, application Description automatically generated

Question: 266

You have the Azure resource shown in the following table.

Name	Type	town
Maimer* 1	‘Alnj^erw -^cup	Tenant Root woe
Subiinncin'	Siijjniptai	Miwgenwt!
fl61	“fscwce .''Li	^utsatplvi 1
^	Hesaragwif	5ub$mpifiTl
VM1	Vrttir ntachne	RGi
VW	VfMi machine	RG2

You need to meet the following requirements:

* Internet-facing virtual machines must be protected by using network security groups (NSGs).

* All the virtual machines must have disk encryption enabled.

What is the minimum number of security that you should create in Azure Security Center?

A. 1
B. 2
C. 3
D. 4

Answer: D

Explanation:

Question: 267

You have multiple development teams that will create apps in Azure.

You plan to create a standard development environment that will be deployed for each team.

You need to recommend a solution that will enforce resource locks across the development environments and ensure that the locks are applied in a consistent manner.

What should you include in the recommendation?

A. an Azure policy
B. an Azure Resource Manager template
C. a management group
D. an Azure blueprint

Answer: D

Explanation:

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

Question: 268

You have an Azure subscription that uses Azure Active Directory (Azure AD) Privileged Identity Management (PIM).

A PIM user that is assigned the User Access Administrator role reports receiving an authorization error when performing a role assignment or viewing the list of assignments.

You need to resolve the issue by ensuring that the PIM service principal has the correct permissions for the subscription. The solution must use the principle of least privilege.

Which role should you assign to the PIM service principle?

A. Contributor
B. User Access Administrator
C. Managed Application Operator
D. Resource Policy Contributor

Answer: B

Explanation:

Question: 269

You have an Azure Active Directory (Azure AD) tenant that contains a user named Admin1. Admin1 is assigned the Application developer role.

You purchase a cloud app named App1 and register App1 in Azure AD.

Admin1 reports that the option to enable token encryption for App1 is unavailable.

You need to ensure that Admin1 can enable token encryption for App1 in the Azure portal.

What should you do?

A. Upload a certificate for App1.
B. Modify the API permissions of App1.
C. Add App1 as an enterprise application.
D. Assign Admin1 the Cloud application administrator role.

Answer: C

Explanation:

This is a tricky one because uploading a certificate is also required. However, the question states that the Token Encryption option is unavailable. This is because the app is not added as an enterprise application. When the app is added as an enterprise application, the Token Encryption option will be available. Then you can upload the certificate.

Reference:
https://docs.microsoft.com/en-us/azure/active-directory/manage-apps/howto-saml-token- encryption

Question: 270
HOTSPOT

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

Name	Type	In resource group
contl	Container instance	RG1
VNET1	Virtual network	RG1
App1	App Service app	RG1
VM1	Virtual machine	RG1

Useri	User	Not applicable

You create a custom RBAC role in Subscription1 by using the following JSON file.

```
"Name": "Rolel",
"IsCustom": true,
"Description": "Rolel description",
"Actions": [
   "♦/Read",
    "Microsoft.Compute/*"
L
"NotActions": [],
"DataActions": [],
"NotDataActions": [],
"AssignableScopes": [
  "/subscript ions/923a419a-4358-40fb-b4a9-b8af43dd0c92/resourceGroups/RGl" ]
```

You assign Role1 to User1 on 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
Userl can add VM1 to VNET1.	O	O
Userl can start and stop Appl.	O	O
Userl can start and stop contl.	O	O

Answer:

Explanation:

Statements	Yes	No

Userl	can add VM1 to VNET1.	0	0
Userl	can start and stop App1.	O	0
Userl	can start and stop contl.	0	O

Text Description automatically generated

Reference:
https://docs.microsoft.com/en-us/azure/role-based-access-control/resource-provider- operations#microsoftcompute

Question: 271
HOTSPOT

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

Name	Type	Resource group	Location
RG1	Resource group	**Not applicable**	West US
Managedl	Managed identity	RG1	West US

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

Name	Usage location
Userl	United States
User2	Germany

You create the groups shown in the following table.

Name	Type	Membership type
Groupl	Security	Dynamic User
Group2	Microsoft 365	Dynamic User

The membership rules for Group1 and Group2 are configured as shown in the following exhibit.

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Dynamic membership rules

Save | Discard | Got feedback?

Configure Rules | Validate Rules (Preview)

You can use the rule builder or rule syntax text box to create or edit a dynamic membership rule. Learn more

And/Or	Property	Operator	Value
	accountEnabled	Equals	true
Or	usageLocation	Equals	US

+ Add expression + Get custom extension properties

Rule syntax Edit

```
(user.accountEnabled -eq true) or (user.usageLocation - eq "US")
```

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 is a member of Group1 and Group2.	○	○
User2 is a member of Group2 only.	○	○
Managed1 is a member of Group1 and Group2.	○	○

Answer:

Explanation:

Statements	Yes	No
User1 is a member of Group1 and Group2.	○	○
User2 is a member of Group2 only.	○	○
Managed1 is a member of Group1 and Group2.	○	○

Text Description automatically generated

Reference:
https://docs.microsoft.com/en-us/azure/active-directory/enterprise-users/groups-dynamic- membership

Question: 272

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

Question: 273

HOTSPOT

You have an Azure subscription that has a managed identity named identity and is linked to an Azure Active Directory (Azure AD) tenant. The tenant contains the resources shown in the following table. Which resources can be added to AUI and AU2? To answer, select the appropriate options in the answer area.

Name	Type	Assigned object
AU1	Administrative unit	User1, Group1
AU2	Administrative unit	None
User1	User	Not applicable
Group1	Security group	Not applicable
Group2	Microsoft 365 group	Not applicable

Which resources can be added to AU1 and AU2? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

AU1:
- AU2 only
- Group2 only
- Identity1 only
- AU2 and Group2 only
- Group2 and Identity1 only

AU2:
- Identity1 only
- AU1 and Identity1 only
- Group1 and Group2 only
- AU1, Group2 and Identity1 only
- Group1, Group2 and User1 only

Answer:

Explanation:

Answer Are*

AU1 Group? and identify 1 only

AU2 Groupl, Groups end Uwl only

Question: 274

HOTSPOT

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.

Anrwer Art*

Statement*	Ye*	No
User' can set Purge protection to Enable tor Vault 1	o	o
User? canconfigure firewalls and virtual networks tor Vault!.	o	0
Uteri can arts access pcikiet to Vault!	o	0

Answer:

Explanation:

Antwet Are*

Statement*	Yet No
User! can set Purge protection to Enable tor Vault)	
User? can configure firewalls and virtual networks lor Vault 1.	
Uteri can add arrest poke tec to V*Ut 1,	

Question: 275

HOTSPOT

You have an Azure subscription that contains an Azure SQL database named SQL1.

You plan to deploy a web app named App1.

You need to provide App1 with read and write access to SQL1. The solution must meet the following requirements:

Provide App1 with access to SQL1 without storing a password.

Use the principle of least privilege.

Minimize administrative effort.

Which type of account should App1 use to access SQL1, and which database roles should you assign to App1? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Account type:

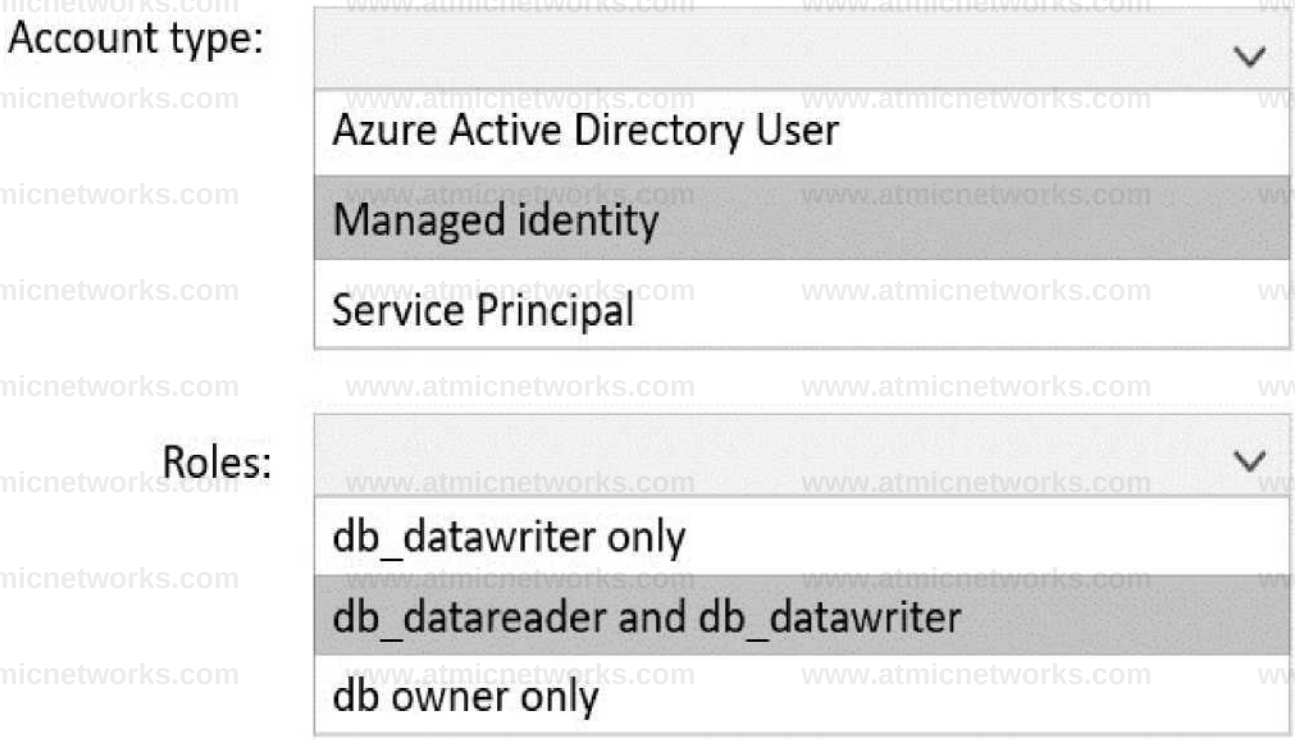
- Azure Active Directory User
- Managed identity
- Service Principal

Roles:

- db_datawriter only
- db_datareader and db_datawriter
- db owner only

Answer:

Explanation:



Graphical user interface, text, application Description automatically generated

Reference:
https://docs.microsoft.com/en-us/azure/app-service/tutorial-connect-msi-sql-database?tabs=windowsclient%2Cdotnet

Question: 276

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

Name	Type
storagel	Storage account
Vaultl	Azure Key vault
Vault2	Azure Key vault

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

Name	Role
VM1	• Storage Blob Data Reader for storagel • Key Vault Reader for Vaultl
VM2	• Storage Blob Data Reader for storagel • Key Vault Reader for Vaultl
VM3	• Storage Blob Data Reader for storagel • Key Vault Reader for Vaultl • Key Vault Reader for Vault?
VM4	• Storage Blob Data Reader for storagel • Key Vault Reader for Vaultl • Key Vault Reader for Vault?

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

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Question: 277

HOTSPOT

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
Policyl	TDE enabled	`Deny`	RG1, RG2
Policy2	TDE enabled	`DeploylfNotExists`	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.

Name	Resource group	TDE
SQL2	RG2	Disabled
SQL3	RG1	Disabled

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
SQL1 will have IDE enabled automatically.	○	○
The deployment of SQL2 will fail.	○	○
SQL3 will be deployed and marked as noncompliant.	○	○

Answer:

Explanation:

Statements	Yes	No
SQL1 will have TDE enabled automatically.		
The deployment of SQL2 will fail.		
SQL3 will be deployed and marked as noncompliant.		

Graphical user interface, text, application Description automatically generated

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

Question: 278

HOTSPOT

You have an Azure subscription mat contains a resource group named RG1. RG1 contains a storage account named storage1.

You have two custom Azure rotes named Role1 and Role2 that are scoped to RG1.

The permissions for Role1 are shown in the following JSON code.

```
■rcmisluns"'; [
        {
            "Ktloaf*: [
                ■■'UcrMoM.Storise, $«i-d«Acco_unxj/lButv4/a<ti$ri'.

                b
                ■ r-ov^ticfis"; [],
                '(tatBAttion**: [], "notDatBActions*: []
```

The peim; wicns for Role? ire shewn m the foflcwtng J$ON cede

```
■^£^3 75icns'└! [

                'Micrawft, 5ta-Jfo LTgrajelc c gu^t i' 1 i :t» e/s/wt;qn" ,
              "merawfc.5tord(t Jtt^stAcomti-; LinA£<*jnt54^sc:::-'
                'Hie  rowf1.5 is r*jc s: iraptacaunt ■ / rt*d"
        L
        'wtActiMt": [],
        *4»»JkCttall"l £]> "rotSrttArtiohs" i []
```

Answer Are* Statements	Yes	No
	U$er1 can read asts in storage"!.	0
	User? can reaa data m storagel.	
	UserS can restore storagel from a backup n Azure Backup	

Answer:

Explanation:

Answer Area Statements	Yes	No
Userl can read data in storagel.	©	
User? can read data in storage!	©	
User? can restore storagel from a backup in Azure Backup	3	E

Question: 279

HOTSPOT

You have an Azure Active Directory (Azure AD) tenant that contains two administrative units named AU1 and AU2.

Users are assigned to the administrative units as shown in the following table.

User name	Member of
Admin1	AU1
Admin2	AU1
Admin3	AU2
Admin4	AU2
User1	AU1

Answer Area

Statements	Yes	No
Admail can reset the password of User!	O	O
Ad mm2 can reset the password of User?.	O	O
Admm3 can reset the password of Admir>4.	O	O

Answer:

Explanation:

Answer Area

Statements	Yes	No
Ad mini can reset the password of User!	•	
Admin? can reset the password of User?.	©	
Admin? can reset the password of AdminA	O	

Question: 280

You have an Azure subscription that uses Microsoft Sentinel.

You need to create a Microsoft Sentinel notebook that will use the Guided Investigation - Anomaly

Lookup template.

What should you create first?

A. an analytics rule
B. a Log Analytics workspace
C. an Azure Machine Learning workspace
D. a hunting query

Answer: A

Explanation:

Question: 281

You have an Azure Active Directory (Azure AD) tenant that contains a user named User1.

You need to ensure that User1 can create and manage administrative units. The solution must use the principle of least privilege.

Which role should you assign to User1?

A. Privileged role administrator
B. Helpdesk administrator
C. Global administrator
D. Security administrator

Answer: A

Explanation:

Question: 282

DRAG DROP

You have an Azure subscription that contains an Azure SQL database named SQLDB1. SQLDB1 contains the columns shown in the following table.

Name	Data type	Sample value
Email	Varchar	admin@contoso.com
Birthday	Date	2010-07-07

For the Email and Birthday columns, you implement dynamic data masking by using the default masking function.

Which value will the users see in each column? To answer, drag the appropriate values to the correct columns. Each value 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.

Values

- 1900-01-01
- 1900-01-01 00:00:00.0000
- 2010-XX-XX
- XXXX

Answer Area

Answer:

Explanation:

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Answer Area

Email: 11900-0^1 **i**

Sirihday: | 2010-M **~**

Question: 283

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

Name	Type
wr	Virtual machine
VNETT	Virtual network
storage!	Storage account
Vault!	Ke/vault

You plan to enable Microsoft Defender for Cloud for the subscription. Which resources can be protected by using Microsoft Defender for Cloud?

A. VM1, VNET1, and storage1 only
B. VM1, storage1, and Vault1 only
C. VM1.VNET1, storage1, and Vault1
D. VM1 and storage1 only
E. VM1 and VNET only

Answer: C

Explanation:

Question: 284

You have an Azure Active directory tenant that syncs with an Active Directory Domain Services (AD DS) domain.
You plan to create an Azure file share that will contain folders and files.

Which identity store can you use to assign permissions to the Azure file share and folders within the share? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Azure files share:

Folders in the file share:

Answer: See the answer below at Explanation.

Explanation:

Answer is as image below.

Answer Area

Azure files share: AD DS only

Folders in the file share: AD DS and Azure AD

0

Question: 285

You have an Azure subscription that contains an Azure SQL Database logic server named SQL! and an Azure virtual machine named VM1. VM1 uses a private IP address only.

The Firewall and virtual networks settings for SQL1 are shown in the following exhibit.

Deny public network access O

C Ws No J

0 C ick here to create a new private endpoint Create Private Endpoint

Minimum TL$ Version Q (1.0 1.1

Connection Policy 0

Proxy Redirect

Allow Azure services and resources to access ths server (^ ABB

Client IP address 8 9 21225.106

Rule name Start IP End IP

No firewall rules configured

Virtual networks * Add existing virtual network * Create new virtual network

Rule name Virtual network Subnet

No vnet rules for this server

You need to ensure that VM1 can connect to SQL1. The solution must use the principle of least privilege. What should you do?

A. Add an existing virtual network.
B. Set Connection Policy to Proxy.
C. Create a new firewall rule.
D. Set Allow Azure services and resources to access this server to Yes.

Answer: C

Explanation:

Question: 286

You have an Azure subscription that contains an Azure key vault. The role assignments for the key vault are shown in the following exhibit.

{
"BoleAssigiwntld": '333Sfcbf-3MS-.Sc8a.85b6-dBedd9<s4^

"Scope": "/sobscr iptions/76C42af2-b4M-48fd-bf3b-de37 ba aa7ffa",
"EttsplayName": "User!".,
"SiqplnIl^": "UsPCl^contoso. com",
RoieDof1nitiqnMare": "Owner,

}.

"RoleAssignmentId": "9d080dl4 246e-4580-8b8b 077bfec22f7c[tt],
'Scope"! "/subscription5/76c42af2-b40d*48fd-bf3b-de37baaa7ffa/resourceGroups/RGl/providers/Mkrosoft.lteyVault/vaults/KeyVaultr, "DisplayName": "User![1],
"UgpjnH^": "Useraccentoso,com*,
*S21£££&£1&S^^ *K®y Vault Crypto Officer",
"RoleAssignmentId": *(

[1] "Scope": "/subscriptions//bc42at/ M0d-48ta-Dt.iD-aei/oaaa/tra/resourcebroups/Kbi/providers/Microsoti:.Keyvamt/vauics/Keyvaultl , "DisplayName": *yser3\
"SjqpInHa^: "User^contosa, com",
*RqlepeFini11onName"; "Key Vault Secrets Officer",

* Ro I eAs 5 igM 51111 d '■: "fie46392-c5d9-4519-9ee7-128E94eea97c",
"Scope": "/subscriptions/76c42af 2-b49d-48fd-bf3b-de37baaa7ffa/resou('ceGrr>ups/RG3/providei'S/Hicrosoft .Keyvault/vaults/KeyVaultl/keys/keyr "DisplayHame"; "UserrT,
'&S&M&*: "bser4gcontoso.com",
"Ro1eDefInitionName": "Key Vault Administrator",

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 Area

[Answer choice) can create keys in the key vault. ,

[Answer choice] can create secrets in the key vault

Answer: See the answer below at Explanation.

Explanation:

Answer is as image below.

Answer Area

[Answer choice) can create keys in the key vault. Only User? and User4 '

(Answer choice] can create secrets in the key vault. Only User! and User3 '

Question: 287

HOTSPOT

You have an Azure subscription that contains a resource group named RG1. RG1 contains a virtual machine named VM1 that uses Azure Active Directory (Azure AD) authentication.

You have two custom Azure roles named Role1 and Role2 that are scoped to RG1.

The permissions for Role1 are shown in the following JSON code.

```
''permissions': (
                {
```

```
"actions⁴*: [
    "Microsoft.Compute/virtualHachines/*"

"notActions": [
    "Microsoft-Compute/virtualHachines/delete
L
”dotaActions": [Jj
"notDataActions**: [J
```

The permissions for Role2 are shown in the following JSON code.

```
"permissions"; [

 "actions"; (
    "Microsoft.Compute/vlrtualHachines/

 "notActions": [],
 "dataActions": (], "notDataActions": []
```

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

Name	Role
Userl	Solei
User!	Rolet Role2
User?	Rotel Ro*e2

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
Userl can delete VM1.	O	
User? can delete VM1.	0	O
User3 can sign in to VM1 by using Azure AD credentials.		

Answer:

Explanation:

Answer Area

Statements	Yes	No
Userl can delete VMt,	O	$
User? can delete VMt.	O	9
Userl can sign in to VM 1 by using Azure AD credentials	6	O

Question: 288

You have an Azure subscription that contains a resource group named RG1 and the network security groups (NSGs) shown in the following table.

Name	Location	Flow logs status
NSG1	West Europe	Off
NSG2	West Europe	Off

You create the Azure policy shown in the following exhibit.

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Basics Parameters Remediation Non-compliance messages Review * create

Basics	
Scope	Azure Pass - Sponscrship/RGI
Exclusions	Azure Pass - Sponsorship/RG1/NSG1
Policy definition	Plow logs should be enabled for every network security
Assignment name	group flow logs should be enabled for every network
Description	security group Description 1
Policy enforcement	Enabled
Assigned by	Adminl
Parameters	
effect	Audit
Remediation	
Create managed identity	Ye s
Managed identity location	westeurop e
Create a remediation task	No
Non-compliance messages	
Default non-compliance message	Message 1

You assign the policy to RG1.

What will occur if you assign the policy to NSG1 and NSG2?

A. Flow logs will be enabled for NSG1 and NSG2.

B. Flow logs will be enabled for NSG2 only.

C. Flow logs will be disabled for NSG1 and NSG2.

D. Flow logs will be enabled for NSG1 only.

Answer: B

Explanation:

Question: 289

You have a Microsoft Sentinel deployment.

You need to connect a third-party security solution to the deployment. The third-party solution will send Common Event Format (CER-formatted messages.

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

NOTE: Each correct selection is worth one point.

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Answer Area

Deploy:

Forward events to Microsoft Sentinel by using: *

Answer: See the answer below at Explanation.

Explanation:

Answer is as image below.

Answer Area

Deploy: A Windows server and a Windows Event Forwarding subscription

Forward events to Microsoft Sentinel by using: An Azure Log Analytics agent '

Question: 290

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	T^	RS A key me	Elliptic one name
'■ej	R5A	aw	^^ appKGft^
	RS*	3072	Mot iw^oM
	RSA	4396	Nat WKWjf
	EC	■VOIC^OM]	Mi 2

You reed 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

Explanation:

Question: 291

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

Name	Performance	Account kind	Azure Data Lake Storage Gcn2
storage!	Standard	BiobStorage	Enabled
storageZ	Premium	BlockBlobStorage	Disabled
storage?	Standard	Storage	Disabled
storage-!	premium	Filestorage	Disabled
storages	Standard	StoiageV2	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 storages services:

Protected storage accounts:

Answer: see the answer below in explanation.

Explanation:

Answer as below.

Answer Area

Monitored storages services: File services and table services only

Protected storage accounts: storage!. $to»age4. and storages only

Question: 292

HOTSPOT

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-: [c

“Microsoft.Compute/vlrtwoiHachlnes/•"

"notActlons’s [

"Microsoft .Comput e/vl rtua 1* tach lnes / delete" K “dateActlons": (J.

The pen > *»>*_*«» >«Ji “rtovtcrarc^n n^s.’i't r3>c »umswiy ssme MCTiim*uvi me**

"permits ions"t (

"actions": ("Mier os oft. Compute /virtual!tachine s/ • "

h “notActions*! [], "dot•Actions*! (], "notOataAetions"t []

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
User 1 can delete VM1.	O	O
User? can delete VM1.	O	O
User3 can delete VM1.	Q	O

Answer:

Explanation:

Answer Area

Statements	Yaa	Ne
Uteri can delete VM1	O	•■
user? can deme VMI	Q	*
Ute«3 can delete VM»	•	

Question: 293

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	VNETl/Subnetl	*None*
VM2	West US	VNET1 /Subnet?	NSG2
VMS	Central US	VNE ~2/Subnet1	NSG3
VM4	West US	VNET 3/Subnet 1	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:

Answer: see the answer below in explanation.

Explanation:

Answer as below.

Answer Area

ASG1: VM2. VM 3, and VM4 only

ASG2: VM 1. VM2. and VM4 only

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Question: 294

You have 15 Azure virtual machines in a resource group named RG1.

All virtual machines run identical applications.

You need to prevent unauthorized applications and malware from running on the virtual machines.

What should you do?

A. Configure Azure Active Directory (Azure AD) Identity Protection.
B. From Microsoft Defender for Cloud, configure adaptive application controls.
C. Apply an Azure policy to RGI.
D. Apply a resource lock to RGI.

Answer: B

Explanation:

Microsoft Defender for Cloud helps you prevent, detect, and respond to threats. Defender for Cloud gives you increased visibility into, and control over, the security of your Azure resources. It provides

integrated security monitoring and policy management across your Azure subscriptions. It helps detect threats that might otherwise go unnoticed, and works with a broad ecosystem of security solutions.

Defender for Cloud helps you optimize and monitor the security of your virtual machines by: Providing security recommendations for the virtual machines. Example recommendations include: apply system updates, configure ACLs endpoints, enable antimalware, enable network security groups, and apply disk encryption.

Monitoring the state of your virtual machines.

https://learn.microsoft.com/en-us/azure/security/fundamentals/virtual-machines-overview

Question: 295

HOTSPOT

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

Name	Days to retain deleted vaults	Purge protection	Permission model
KeyVaultl	10	Enabled	Azure role-based access control (Azure RSAQ
KeyVault2	15	Disabled	Azure role-based access control (Azure RBAQ

The subscription contains the users shown in the following table.

Name	Role	Assigned to
Admin;	Key Vault Contributor	KeyVaultl
Ad mm2	Key Vault Secrets Officer	Key Vault? 1
Admin3	Key Vault Administrator	KeyVaultl

On June 1, you perform the following actions:

- Delete a key named key1 from KeyVault1.
- Delete a secret named secret 1 from KeyVault2.

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

Statements	Yes	No
Admin! can recover key! on June 5.	0	0
Admin2 can purge secret! on June 12.		
Admin3 can recover key 1 on June 17.	J	O

Answer:

Explanation:

Yes
Yes
No

Question: 296
HOTSPOT

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

Ss™

Stored access policies

Identifier	Start time	Expiry time	Permissions
Pohcyl			r

T 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 contl is [answer choice].

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

2
4
7

Answer:

Explanation:

The max mtn number of acetone stored access poises that you can add , to contl is | answer choice l

The maximum number of additional immutable Wot) storage pc fieie$ thr . you can add to cont! is [answer choice]

Question: 297

You have an Azure environment.

You need to identify any Azure configurations and workloads that are non-compliant with ISO 27001:2013 standards.

What should you use?

A. Azure Active Directory (Azure AD) Identity Protection
B. Microsoft Defender for Cloud

C. Microsoft Defender for Identity

D. Microsoft Sentinel

Answer: B

Explanation:

Question: 298

You have an Azure subscription that contains an Azure SQL database named DB1 in the East US Azure region. You create the storage accounts shown in the following table.

Name	Location	Performance	Premium account type
storagel	East US	Standard	*Not applicable*
storage2	East US	Premium	Block blobs
storages	East US	Premium	File shares
storage^	East US 2	Standard	*Not applicable*

You plan to enable auditing for DB1.
Which storage accounts can you use as the auditing destination for DB1?

A. storage1 only
B. storage1 and storage4 only
C. Storage2 and storage3 only
D. storage1, storage2 and storage3 only

Answer: C

Explanation:

Question: 299

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-

enable?tabs=azure-portal

Question: 300

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

You have an partner company that has a domain named The fabrikam.com domain contains a user named user'. User' has an email address of userl@tabrikam.com.

You to provide User1 with to the resources in the tenant The solution must meet the following requirements:

user1 must be able to sign in by using the userl@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 fabrikamcom as a custom domain
D. Set Enable guest self-service sign up via user flows to Yes for the tenant.

Answer: B

Explanation:

Question: 301

You have an Azure Active Directory (Azure AD) tenant that contains a group named Group1

You need to ensure that the members of Group1 sign in by using passwordless authentication

What should you do?

A. Configure the Microsoft Authenticator authentication method policy.
B. Configure the certificate-based authentication (CBA) policy.
C. Configure the sign-in risk policy.
D. Create a Conditional Access policy.

Answer: A

Explanation:

Question: 302

HOTSPOT

You have an Azure subscription that contains a user named User1 and a storage account named storage 1. The storage1 account contains the resources shown in the following table:

Name	Type
container!	Container
^ter i	File share

tabled	Table

User1 is assigned the following roles for storage1:

- Storage Blob Data Reader
- Storage Table Data Contributor
- Storage File Data SMB Share Reader

Statements	Yes	No
On October 1.2022. if Userl accesses folder! by using SAS1 be can delete the files in folder!,	O	
On October 1, 2022. if Userl maps folder! as a network drive by using hrs Azure Active Directory 'Azure AD) credentials he can delete the files in folder!.		
On October 1.2022. User! can delete the rows in table! by using SAS!.	O	

Answer:

Explanation:

No, Yes, No

Question: 303

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: D,E

Explanation:

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

Question: 304

You have an Azure key vault named Vault1 that stores the resources shown in following table.

Name	Type
Kfy1	Key
Secret 1	Secret
Cenl	Certificate

Which resources support the creation of a rotation policy?

A. Key1 Only
B. Cert1 only
C. Key1 and Secret1 only
D. Key1 and Cert1 only
E. Secret1 and Cert1 only
F. Key1, Secret1, and Cert1

Answer: C

Explanation:

Question: 305

You have an Azure subscription that contains a

You need to grant user1 access to blob1. The solution must ensure that the access expires after six days.

What should you use?

A. a shared access policy
B. a shared access signature (SAS)
C. role-based access control (RBAC)
D. a managed identity

Answer: B

Explanation:

Depending on how you want to authorize access to blob data in the Azure portal, you'll need specific

permissions. In most cases, these permissions are provided via Azure role-based access control (Azure RBAC). For more information about Azure RBAC, see What is Azure role-based access control (Azure RBAC)?.

https://learn.microsoft.com/en-us/azure/storage/blobs/authorize-data-operations-portal

Question: 306

HOTSPOT

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	10.1.1.5	20.224 219.170
VM2	VNET1/Subnet2	10.12.5.	20.224 2192 30
VM3	VNET2/Subneti	10.11.1.5	40.122.155212

You have an Azure Cosmos DB account named cosmos1 configured as shown in the following exhibit.

AUCHAI access from

f) Al networks • Selected networks

Statements	Yes	No
VM1 can access cosmos 1 over the internet	O	O
VM2 can access cosmosl over the internet.		
VMS can access cosmosl over the internet.		

Answer:

Explanation:

Yes, Yes, No

Question: 307

HOTSPOT

You have an Azure AD tenant named contoso.com that has Azure AD Premium P1 licenses.

You need to create a group named Group1 that will be assigned the Global reader role.

Which portal should you use to create Group1 and which type of group should you create? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point

Portal:

The Azure Active Directory admin center only

The Microsoft 365 admin center only

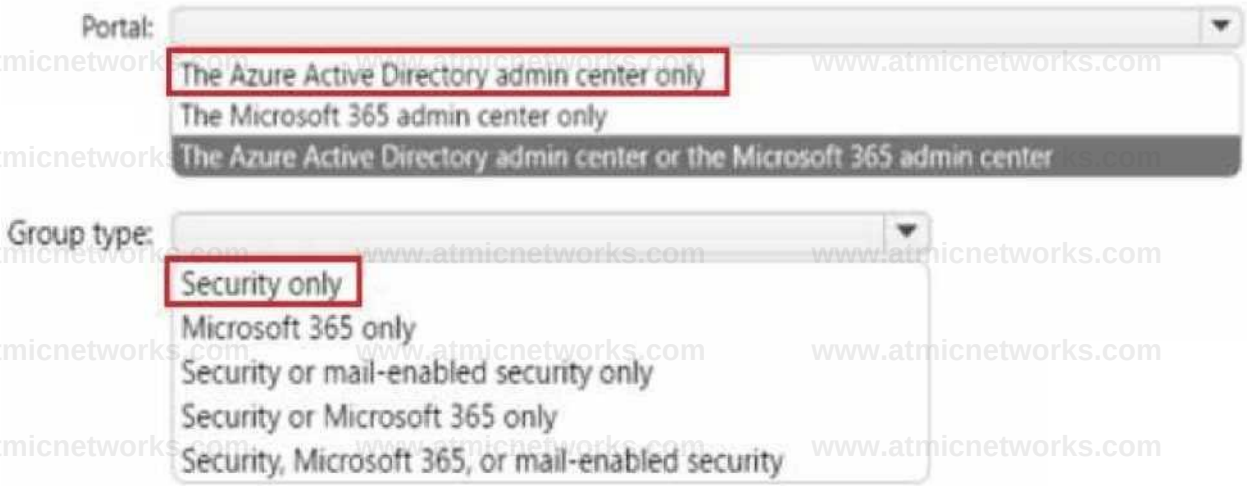
The Azure Active Directory admin center or the Microsoft 365 admin center

Group type:

Security only
Microsoft 365 only
Security or mail-enabled secunty only
Security or Microsoft 365 only
Secunty, Microsoft 365, or mail-enabled secunty

Answer:

Explanation:



https://learn.microsoft.com/en-us/azure/active-directory/roles/groups-create-eligible

Question: 308

HOTSPOT

Your on-premises network contains the servers shown in the following table.

Name	Operating system	Description
Server1	Windows Server 2019	Hyper-V host hosting four virtual machines that run Windows Server 2022
Server2	Windows Server 2019	File server that has the Azure Arc agent installed
Server3	SUSE Linux Enterprise Server (SLES)	Database server that has the Azure Arc agent installed

You have an Azure subscription That contains multiple virtual machines that run either Windows Server 2019 Of SLES.

Operating systems: [^ ^ |

SLES only

Windows Server only SLES and Windows Server

Platforms:

Azure virtual machines only

Azure virtual machines and Hyper-V virtual machines only

Azure Arc-enabled servers and Azure virtual machines only

Azure virtual machines, Hyper-V virtual machines, and Azure Arc-enabled server

Answer:

Explanation:

Operating systems: [T |

SLES only

Windows Server only | SLES and Windows Server |

Platforms:

Azure virtual machines only

Azure virtual machines and Hyper-V virtual machines only

Azure Arc-enabled servers and Azure virtual machines only

Azure virtual machines, Hyper-V virtual machines, and Azure Arc-enabled servers

Question: 309

You have an Azure subscription that contains an Azure key vault.

You need to configure maximum number of days for Which new keys are valid. The solution must minimize administrative effort.

What should you use?

A. Key Vault properties
B. Azure Policy
C. Azure Purview
D. Azure Blueprints

Answer: B

Explanation:

Question: 310

HOTSPOT

You have the role assignments shown in the following exhibit.

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"Rolens*ignmentld": '13*e6e22-W3i'412f4clc5-fc82bl726Me'1
"Scope": "/subscriptions/0aibaf97-0be4-424a-92fa-873c$a4Sfbbc/resource<jroups/RGl",
"DisplayNane": "Adaini",
"Sign I Mane": "Adaini^contoso. co",
"RoleDefinitlonHaae": "Owner",
"RoleDefinltionld": "/subscriptlons/8albaf97-&be4-424a>92fa*873cSa45fbbc/provider*/

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. |_____Ju_____)

Only Admin 1
Only Admin I andAdminZ
Only Admin! andAdmin3
Only Admin 1 andAdmiM
Adminl, Admin2, Admin3, and Admm4

[answer choice] **can create new resource groups. [**

Admin! on ^*>* *,e ^< 5«l*™°n> **for the statement (answer choice] ca**

Admin2 only
Adm m3 only
Adminl and Admm3 only
Admm1, Adminl Admm3, and Admir>4

Answer:

Explanation:

Only Admin1 and Admin2

Admin3 only

Question: 311

HOTSPOT

Your on-premises network contains the servers shown in the following table.

Name	Operating system	Description
Server I	Windows Server 2019	Hyper-V host hosting four vi rtual machines that run Windows Server 2022
Served	Windows Server 2019	File server that has the Azure Arc agent installed
Server?	SUSE Linux Enterprise Server (SLES)	Database server that has the Azure Arc agent installed

You have an Azure subscription that contains multiple virtual machines that run either Windows Server 2019 or SLES. You plan to implement adaptive application controls in Microsoft Defender for Cloud. Which operating systems and platforms can you monitor? To answer, select the appropriate options in the answer area.

Operating systems:

SIES only

Windows Server only

SLES and Windows Server

Platforms: [

Azure virtual machines only

Azure virtual machines and Hyper-V virtual machines only

Azure Arc-enabled servers and Azure virtual machines only

Azure virtual machines, Hyper-V virtual machines, and Azure Arc-enabled servers

Ibw we the lelettniw foe Pletfonni.

Answer:

Explanation:

Windows Server only

Azure virtual machines only

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Question: 312

You have an Azure key vault named Vault1 that stores the resources shown in the following table.

Name	Type
Keyi	Key
Secret!	Secret
CM1	Certificate

Which resources support the creation of a rotation policy?

A. Key 1 only
B. Cert1 only
C. Key1 and Secret1 only
D. Key1 and Cert1 only
E. Secret1 and Cert1 only
F. Key1, Secret1, and Cert1

Answer: A

Explanation:

Question: 313

You have an Azure subscription that contains an Azure SQL server named SQL1. SQL1 contains. You need to use Microsoft Defender for Cloud to complete a vulnerability assessment for DB1. What should you do first?

A. From Advanced Threat Protection types, select SQL injection vulnerability.
B. Configure the Send scan report to setting.
C. Set Periodic recurring scans to ON.
D. Enable the Microsoft Defender for SQL plan.

Answer: A

Explanation:

Question: 314

You have an Azure AD tenant that contains 500 users and an administrative unit named AU1.

From the Azure Active Directory admin center, you plan to add the users to AU1 by using Bulk add members.

You need to create and upload a file for the bulk add.

What should you include in the file?

A. only the display name of each user
B. only the user principal name (UPN) of each user
C. only the object identifier of each user
D. only the user principal name (UPN) and object identifier of each user
E. Only the user principal name (UPN) and display name of each user

Answer: E

Explanation:

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Question: 315

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

Explanation:

Question: 316

HOTSPOT

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

Name	Type
RG1	Resource group
VM1	Virtual machine

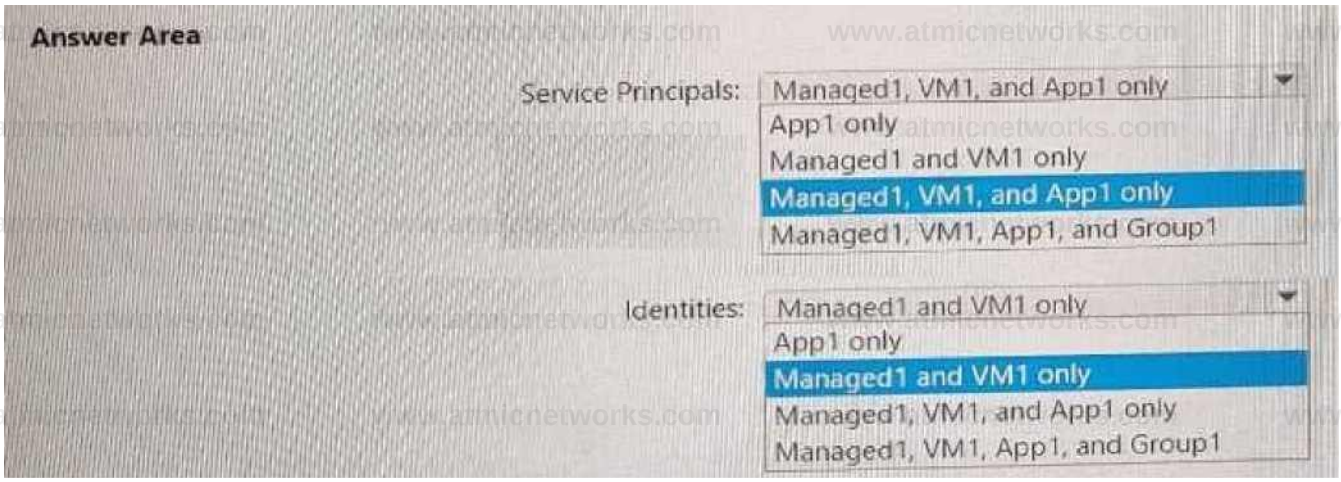
You perform the following tasks:

Create a managed identity named Managed1.

Create a Microsoft 365 group named Group1.

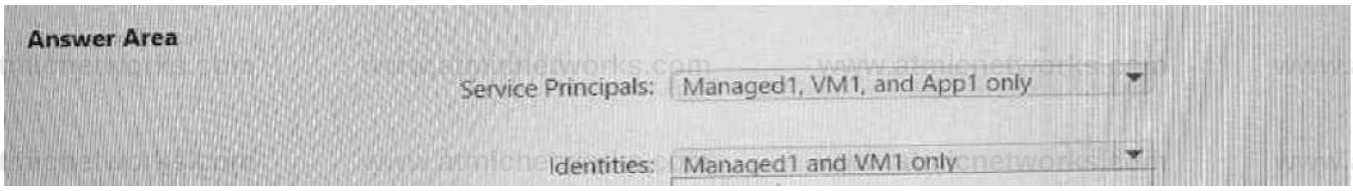
You need to identify which service principals were created and which identities can be assigned the Reader role for RG1.

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



Answer:

Explanation:



Question: 317

DRAG DROP

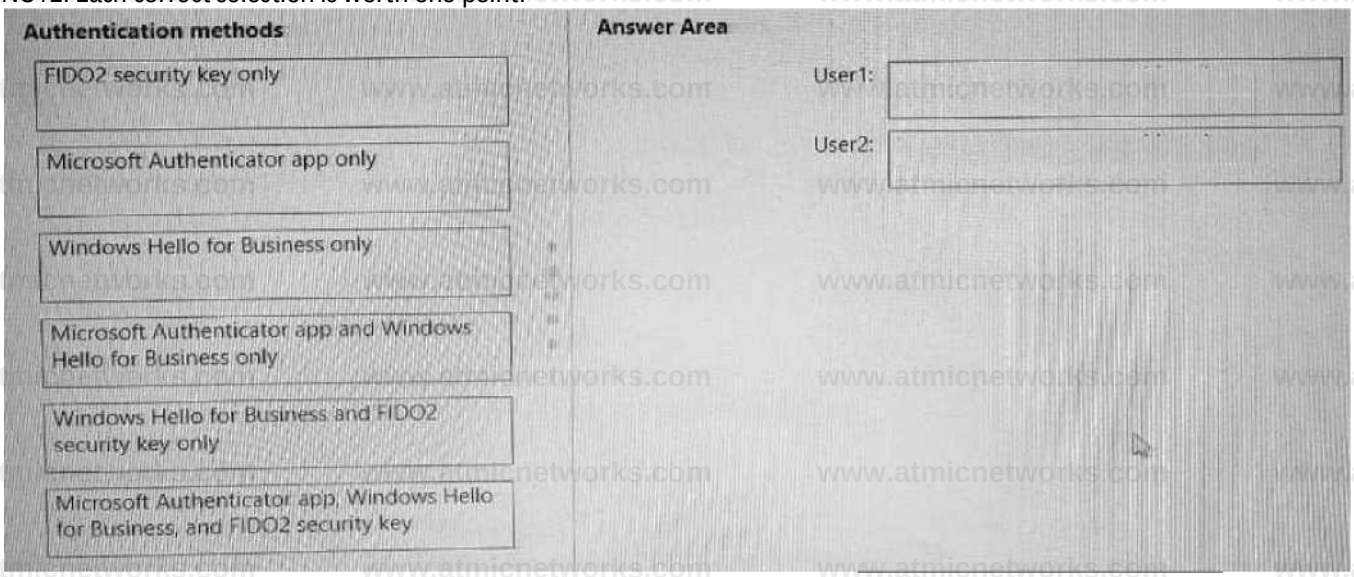
You have an Azure AD tenant that contains the users shown in the following table.

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.

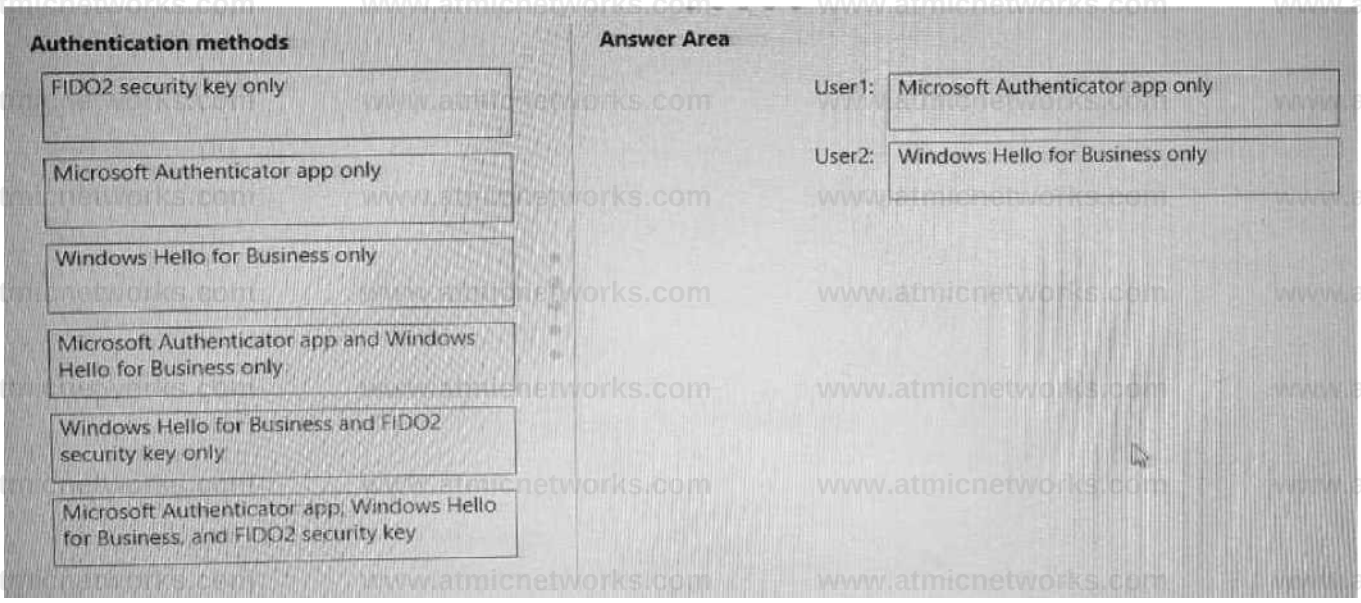
Which authentication method can each user use for passwordless authentication? To answer, drag the appropriate authentication methods to the correct users. Each authentication method may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.



Answer:

Explanation:



Question: 318

HOTSPOT

You have an Azure subscription named Sub1 that contains the resource groups shown in the following table.

Name	Location
RG1	West US
RG2	East US

You create the Azure Policy definition shown in the following exhibit.

■Ode'; "ill policyBul*F

I*"! {

"anyOf": [

{

'field'[1]! “locrtipn * “no t f q ^ a 15 " : *{res6uf<eGrQup( ) . lateticmj

"fi<ld"i -^(W, “notCent•ins”: "odj”

L

Rtnen': { "tY-tcf'; “cen-*

Mr«*et«rB*t O

You assign the policy to Sub1.

You plan to create the resources shown in the following table.

Name	T*pe	Loe Alton	Rciource group
iPobject 1	Publ< IP address	East US	RG2
obji	Resource group	WMt US	wof 0V0Aco6te
OBB	Virtual network	west us	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.

Answer Area

Statement*	Yes	No
You can create iPobject!		
You can create ob)1		
YOU can create O8J3.		

Answer:

Explanation:

Answer Area

Statements	Yes	No
vou can create iPobjectt	O	•
YOU can create obj 1.	○	◉
*ou can create OBJ3		

Question: 319

HOTSPOT

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

Name	Type
SQL1	Azure SQL Database server
DB1	Azure SQL database on SQL1
DB2	Azure SQL database on SQL1
storage1	Storage account
storage2	Storage account
Workspace1	Log Analytics workspace

SQL1 has the following configurations:

- Auditing: Enabled
- Audit log destination: storage1, Workspace1

DB1 has the following configurations:

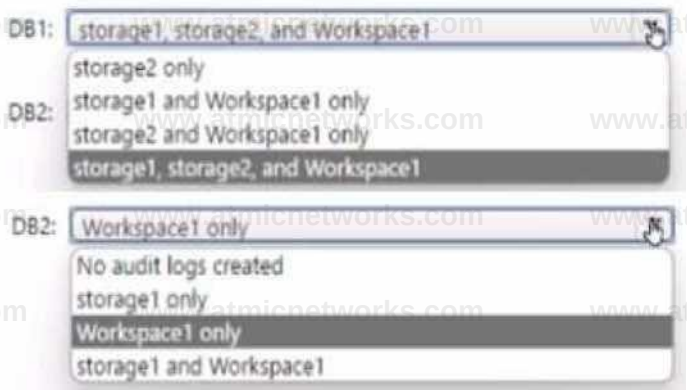
- Auditing: Enabled
- Audit log destination: storage2

DB2 has auditing disabled.

Where are the audit logs for DB1 and DB2 stored? To answer, select the appropriate options in the answer area

NOTE: Each correct selection is worth one point.

Answer Area



Answer:

Explanation:

Answer Area

OBI: storagel storage? and Workspace!

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Question: 320

You have an on-premises network and an Azure subscription.
You have the Microsoft SQL Server instances shown in the following table.

Name	Type
sql1	Azure SQL managed instance
sql2	SQL Server 2019 on an Azure virtual machine that runs Windows Server 2019
sql3	SQL Server 2019 on an Azure virtual machine that runs Red Hat Enterprise Linux (RHEL) 8.3
sql4	On-premises physical server that runs Windows Server 2016 and has SQL Server 2016 installed

You plan to implement Microsoft Defender for SQL.
Which SQL Server instances will be protected by Microsoft Defender for SQL?

A. sql1 and sql2 only
B. sql1, sql2, andsql3 only
C. sql1 sql2 and so.14 only
D. sql1, sql2, sql3, and sql4

Answer: D

Explanation:

Question: 321

You have an Azure subscription that contains an Azure Data Lake Storage Gen2 account named storage1. You deploy an Azure Synapse Analytics workspace named synapsews1 to a managed virtual network. You need to enable access from synapsews1 to storage1. What should you configure?

A. a virtual network gateway
B. a network security group (NSG)
C. a private endpoint
D. peering

Answer: C

Explanation:

Question: 322

HOTSPOT

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 storage!.		
From VM1, you can upload data to the blob storage of storage!.	0	0
From VM2, you can upload data to the blob storage of storage!.	0	0

Answer:

Explanation:

Answer Area

Statements	Yes	No
From VM2. you can create a container in storage!.		•
From VM1, you can upload data to the blob storage of storage!.	®	Q
From VM2. you can upload data to the blob storage of storage!.	0	®

Question: 323

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: C

Explanation:

Question: 324

HOTSPOT

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	*Not applicable*
RG2	Resource group	West US	*Not applicable*
RG3	Resource group	Central US	*Not applicable*
VNetl	Virtual network	Central US	RG2

VNet1 contains the subnets shown in the following table.

Name	Description
AzureFireAdil	Contains no resources
AzureFirewallSubnet	Contains no resources
Subnet 1	Contains a virtual machine
Subnet?	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: I AzureFirewallSubnet ori?

AzureFirewall only
AzureFirewallSubnet onty
AzureFirewall or AzureFirewallSubnet only AzureFirewall.
AzureFirewallSubnet, or Subnet? only AzureFirewall.
AzureFirewallSubnet, Subnet!. or Subnet?

Answer:

Explanation:

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Answer Area

Resource group: RG2

Subnet: AzureFirewallSubnet only

Question: 325

DRAG DROP

You have an Azure subscription that contains an Azure web app named Appl.

You plan to configure a Conditional Access policy for Appl. The solution must meet the following requirements:

- Only allow access to App1 from Windows devices.
- Only allow devices that are marked as compliant to access Appl.

Which Conditional Access policy settings should you configure? To answer, drag the appropriate settings to the correct requirements. Each 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.

Poiky sett ings

- Cloud apps or actions
- Conditions
- Grant
- Session

Answer Area

Only allow access to App1 from Windows devices:

Only allow devices that are marked as compliant to access Appt:

Answer:

Explanation:

Policy

- Cloud apps or actions
- Conditions
- Grant
- Session

Answer Area

Only allow access to Appt from Windows devices: Conditions

Only allow devices that are marked as compliant to access App 1: Conditions

Question: 326

You have an Azure subscription that contains an instance of Azure Firewall Standard named AzFWL

You need to identify whether you can use the following features with AzFW1:

- TLS inspection
- Threat intelligence
- The network intrusion detection and prevention systems (IDPS)

What can you use?

A. TLS inspection only
B. threat intelligence only
C. TLS inspection and the IDPS only
D. threat intelligence and the IDPS only
E. TLS inspection, threat intelligence, and the IDPS

Answer: A

Explanation:

Question: 327

You have an Azure subscription that contains a storage account named storage1 and a virtual machine named VM1. VM1 is connected to a virtual network named VNet1 that contains one subnet and uses Azure DNS. You need to ensure that VM1 connects to storage1 by using a private IP address. The solution must minimize administrative effort.

What should you do?

A. For storage1, disable public network access.

B. Create an Azure Private DNS zone.

C. On VNet1. create a new subnet.

D. For storage1, create a new private endpoint.

Answer: D

Explanation:

Question: 328

HOTSPOT

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	10.11.5	20224.219.170
VM2	VNET1/Subnet2	10.1.25	20224.219.230
VMS	VNET2/Subnet1	10.11.15	40.122.155212

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

Subnet	Service endpoint
VNET1/Subnet1	MicrosoftStorage
VNET1/Subnet2	Microsoft KeyVautt
VNET2/Subnet1	MicrosoftStorage, MicrosoftKeyVault

You create the resources shown in the following table.

Name	Type
storagel	Azure Storage account
Vaultl	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 storagel always use IP address 10.1.1.5.	O	O
Connections from VM2 to Vaultl always use IP address 20.224.219.230.		
Authentication from VMS to the tenant uses either IP address 10.11.1.5 or 40.122.155.212.	O	O

Answer:

Explanation:

Answer Area Statements	Yes	No
Connection! from VM1 to storagel always use IP address 10.1,15,	O	*

Connections from VM2 to Vaults always use IP address 20 224219 230 O

Authentication from VM3 to the tenant uses either IP address 101115 or 40.122 155212

Question: 329

HOTSPOT

You have an Azure subscription that contains a user named User1 and a storage account named storage1. The storage1 account contains the resources shown in the following table.

Name	Typ«
containeri	Container
folded	File Share
tablel	Table

In storage1, you create a shared access signature (SAS) named SAS1 as shown in the following exhibit.

Allowed services ©

Q Blob Q Ale 0 Queue Q Table

Allowed resource types ©

| Service Q Container Q Object

Allowed permissions Q

| Read Q Write Q Delete Q List) Add H Create | | Update Process Immutable storage

Allowed blob index permissions ©

Q Read/Wnte | | Filter

Start and expiry dateAime 0

01/01/2022 a	12:00:00 AM
01/01/2023	12:00:00 AM

| (UTC'Oi.OO) Belgrade Bratislava, Budapest Ljubljana Prague

Allowed IP addresses 0

I For example 168 15.65 or 168 1 5.65-168 1.5.70

Allowed protocols 0

(•) HTTPS only Q HTTPS and HTTP

Preferred routing tier ©

(•) Basic (default) i '^<L- _-ti • c./ . ' A | : • 'a

0 Some routing options are disabled because the endpoints are not published.

Signing key 0 key! v

Generate SAS and connection string

To which resources can User! write on July 1, 2022 by using SAS1 and key 1? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

Answer Area

Answer:

Explanation:

Answer Area

SAS1: | containei and folder! only

Key!: container!, folder! and table!

Question: 330

You have an Azure subscription that contains a user named UseR1. You need to ensure that UseR1 can perform the following tasks:

- Create groups.
- Create access reviews for role-assignable groups.
- Assign Azure AD roles to groups.

The solution must use the principle of least privilege. Which role should you assign to User1?

A. Groups administrator
B. Authentication administrator
C. Identity Governance Administrator
D. Privileged role administrator

Answer: C

Explanation:

Question: 331

You have an Azure subscription and the computers shown in the following table.

Name	Operating system	Description

VM1	Windows Server 2012 R2	Azure virtual machine
VM2	Red Hat Enterprise Linux (RHEL) 8.2	Azure virtual machine
Served	Windows Server 2019	On-premises physical computer connected to Microsoft Defender for Cloud
VMSS1.0	Windows Server 2022	Azure virtual machine in a virtual machine scale set

You need to perform a vulnerability scan of the computers by using Microsoft Defender for Cloud. Which computers can you scan?

A. VM1 only
B. VM1 and VM2 only
C. Server1 and VMSS1.0 only
D. VM1, VM2, and Server1 only
E. VM1, VM2, Server1, and VMSS1.0

Answer: D

Explanation:

Question: 332

You have an Azure subscription that contains a Microsoft Defender External Attack Surface Management (Defender EASM) resource named EASM1. EASM1 has discovery enabled and contains several inventory assets.

You need to identify which inventory assets are vulnerable to the most critical web app security risks. Which Defender EASM dashboard should you use?

A. Attack Surface Summary
B. GDPR Compliance
C. Security Posture
D. OWASP Top 1O

Answer: D

Explanation:

Question: 333

You have an Azure subscription that uses Microsoft Defender for Cloud. The subscription contains the Azure Policy definitions shown in the following table.

Name	Type	Category
Policy1	Policy	Regulatory Compliance
Policy2	Policy	Security Center
Initiative1	Initiative	Regulatory Compliance
Initiative2	Initiative	Security Center

Which definitions can be assigned as a security policy in Defender for Cloud?

A. Policy1 and Policy2 only
B. Initiative1 and Initiative2 only
C. Policy1 and Initiative1 only
D. Policy2 and Initiative2 only
E. Policy1, Policy2, Initiative1, and Initiative2

Answer: B

Explanation:

Question: 334

You have an Azure subscription that uses Microsoft Defender for Cloud.

You need to use Defender for Cloud to review regulatory compliance with the Azure CIS 1.4,0 standard. The solution must minimize administrative effort.

What should you do first?

A. Assign an Azure policy.
B. Manually add the Azure CIS 1.4.0 standard.
C. Disable one of the Out of the box standards.
D. Add a custom initiative.

Answer: B

Explanation:

Question: 335

HOTSPOT

On Monday, you configure an email notification in Microsoft Defender for Cloud to notify user1 @contoso.com about alerts that have a severity level of Low, Medium, or High. On Tuesday, Microsoft Defender for Cloud generates the security alerts shown in the following table.

Time	Description	Severity
01:00	Failed RDP brute force attack	Medium
01:01	Successful RDP brute force attack	High
06:10	Suspicious process executed	High
09:00	Malicious SQL activity	High
11:15	Network communication with a malicious machine detected	Low
13:30		High
14:00	Failed RDP brute force attack	Medium
16:01	Successful RDP brute force attack	High
23:20	Possible outgoing spam activity detected	Low
23:25	Modified system binary discovered in dump file	High
23:30	Malicious SQL activity	High

How many email notifications will user1 @contoso.com receive on Tuesday? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

Answer Area

Total number of Microsoft Defender for Cloud email notifications about an RDP brute force attack on Tuesday:

Total number of Microsoft Defender for Cloud email notifications on Tuesday:

Answer

Explanation:

Answer Area

Total number of Microsoft Defender for Cloud email notifications about an RDP brute force attack 4 on Tuesday;

Total number of Microsoft Defender for Cloud email notifications on Tuesday: 7

Question: 336

SIMULATION

Lab Task
use the following login credentials as needed:

To enter your username, place your cursor in the Sign in box and click on the username below.

To enter your password. place your cursor in the Enter password box and click on the password below.

Azure Username: User1 -28681041@ExamUsers.com

Azure Password: GpOAe4@lDg

If the Azure portal does not load successfully in the browser, press CTRL-K to reload the portal in a new browser tab.

The following information is for technical support purposes only:

Lab Instance: 28681041

Task 1

You need to configure Azure to allow RDP connections from the Internet to a virtual machine named VM1. The solution must minimize the attack surface of VM1.

Answer: Check below

steps in explanation

for Task.

Explanation:

To configure Azure to allow RDP connections from the Internet to a virtual machine named VM1, you can follow the steps below:

Create a new inbound security rule in the network security group (NSG) that is associated with the virtual network subnet that contains VM1. The rule should allow RDP traffic from the Internet to the virtual network subnet. You can use the Azure portal, Azure PowerShell, or Azure CLI to create the rule.

Configure the network security group (NSG) to associate it with the virtual network subnet that contains VM1.

Configure the virtual machine to allow RDP traffic. You can use the Azure portal, Azure PowerShell, or Azure CLI to configure the virtual machine.

To minimize the attack surface of VM1, you can use the following best practices:

Use a strong password for the local administrator account on the virtual machine.

Use Network Security Groups (NSGs) to restrict traffic to only the necessary ports and protocols.

Use Azure Security Center to monitor and protect your virtual machines.

Question: 337

SIMULATION

Lab Task
use the following login credentials as needed:

To enter your username, place your cursor in the Sign in box and click on the username below.

To enter your password. place your cursor in the Enter password box and click on the password below.

Azure Username: Userl -28681041@ExamUsers.com

Azure Password: GpOAe4@lDg

If the Azure portal does not load successfully in the browser, press CTRL-K to reload the portal in a new browser tab.

The following information is for technical support purposes only:

Lab Instance: 28681041

Task 2

You need to add the network interface of a virtual machine named VM1 to an application security group named ASG1.

Answer: Check below
steps in explanation
for Task.

Explanation:

To add the network interface of a virtual machine named VM1 to an application security group named ASG1, you can follow these steps:

In the Azure portal, search for and select the virtual machine named VM1.

In the left pane, select Networking.

In the Networking pane, select the network interface that you want to add to the application security group named ASG1.

In the network interface pane, select Application security groups.

In the Application security groups pane, select Add.

In the Add application security group pane, select the application security group named ASG1.

Select Save.

You can find more information on this topic in the following Microsoft documentation: Add a network interface to an application security group using the Azure portal.

Question: 338

SIMULATION

Lab Task

use the following login credentials as needed:

To enter your username, place your cursor in the Sign in box and click on the username below.

To enter your password. place your cursor in the Enter password box and click on the password below.

Azure Username: Userl -28681041@ExamUsers.com

Azure Password: GpOAe4@lDg

If the Azure portal does not load successfully in the browser, press CTRL-K to reload the portal in a new browser tab.

The following information is for technical support purposes only:

Lab Instance: 28681041

Task 3

The developers at your company plan to create a web app named App28681041 and to publish the app to https://www.contoso.com. You need to perform the following tasks:

- Ensure that App28681041 is registered to Azure AD.
- Generate a password for App28681041.

Answer: Check below

steps in explanation

for Task.

Explanation:

To register App28681041 to Azure AD and generate a password for it, you can follow these steps:

In the Azure portal, search for and select Azure Active Directory.

In the left pane, select App registrations.

Select New registration.

In the Register an application pane, enter the following information:

Name: App28681041

Supported account types: Select the appropriate account types for your scenario.

Redirect URI: Leave this field blank.

Select Register.

In the App registrations pane, select the newly created App28681041 application.

In the left pane, select Certificates & secrets.

Select New client secret.

In the Add a client secret pane, enter the following information:

Description: Enter a description for the client secret.

Expires: Select an appropriate expiration date for the client secret.

Select Add.

In the Certificates & secrets pane, copy the value of the newly created client secret.

You can find more information on this topic in the following Microsoft documentation: Quickstart: Register an application with the Microsoft identity platform.

Question: 339

SIMULATION

Lab Task

use the following login credentials as needed:

To enter your username, place your cursor in the Sign in box and click on the username below.

To enter your password. place your cursor in the Enter password box and click on the password below.

Azure Username: Userl -28681041@ExamUsers.com

Azure Password: GpOAe4@lDg

If the Azure portal does not load successfully in the browser, press CTRL-K to reload the portal in a new browser tab.

The following information is for technical support purposes only:

Lab Instance: 28681041

Task 4

You need to ensure that a user named user2-28681041 can manage the properties of the virtual machines in the RG1lod28681041 resource group. The solution must use the principle of least privilege.

Answer: Check below

steps in explanation

for Task.

Explanation:

To ensure that a user named user2-28681041 can manage the properties of the virtual machines in the RG1lod28681041 resource group using the principle of least privilege, you can follow these steps: In the Azure portal, search for and select the resource group named RG1lod28681041.

In the left pane, select Access control (IAM).

Select Add.

In the Add role assignment pane, enter the following information:

Role: Select the appropriate role for your scenario. For example, Virtual Machine Contributor.

Assign access to: Select User, group, or service principal.

Select: Enter the name of the user you want to assign the role to. For example, user2-28681041. Select Save.

https://docs.microsoft.com/en-us/azure/role-based-access-control/role-assignments-portal

Question: 340

SIMULATION

Lab Task

use the following login credentials as needed:

To enter your username, place your cursor in the Sign in box and click on the username below.

To enter your password. place your cursor in the Enter password box and click on the password below.

Azure Username: Userl -28681041@ExamUsers.com

Azure Password: GpOAe4@lDg

If the Azure portal does not load successfully in the browser, press CTRL-K to reload the portal in a new browser tab.

The following information is for technical support purposes only:

Lab Instance: 28681041

Task 5

You need to ensure that only devices connected to a 131-107.0.0/16 subnet can access data in the rg1lod28681041 Azure Storage account.

Answer: Check below

steps in explanation

for Task.

Explanation:

To ensure that only devices connected to a 131-107.0.0/16 subnet can access data in the rg1lod28681041 Azure Storage account, you can follow these steps:

In the Azure portal, search for and select the storage account named rg1lod28681041.

In the left pane, select Firewalls and virtual networks.

In the Firewalls and virtual networks pane, select Selected networks.

In the Selected networks pane, select Add existing virtual network.

In the Add existing virtual network pane, select the virtual network that contains the 131-107.0.0/16 subnet.

Select Add.

https://docs.microsoft.com/en-us/azure/storage/common/storage-network-security

Question: 341

SIMULATION

Lab Task

use the following login credentials as needed:

To enter your username, place your cursor in the Sign in box and click on the username below.

To enter your password. place your cursor in the Enter password box and click on the password below.

Azure Username: Userl -28681041@ExamUsers.com

Azure Password: GpOAe4@IDg

If the Azure portal does not load successfully in the browser, press CTRL-K to reload the portal in a new browser tab.

The following information is for technical support purposes only:

Lab Instance: 28681041

Task 6

You need to email an alert to a user named adminl@contoso.com if the average CPU usage of a virtual machine named VM1 is greater than 70 percent for a period of 15 minutes.

Answer: Check below

steps in explanation

for Task.

Explanation:

To email an alert to a user named adminl@contoso.com if the average CPU usage of a virtual machine named VM1 is greater than 70 percent for a period of 15 minutes, you can follow these steps:

In the Azure portal, search for and select the virtual machine named VM1.

In the left pane, select Alerts.

Select New alert rule.

In the New alert rule pane, enter the following information:

Name: Enter a name for the alert rule.

Description: Enter a description for the alert rule.

Condition: Select Metric measurement.

Resource: Select the virtual machine named VM1.

Metric: Select Percentage CPU.

Operator: Select Greater than.

Threshold: Enter 70.

Aggregation type: Select Average.

Period: Select 15 minutes.

In the Actions pane, select Add action group.

In the Add action group pane, enter the following information:

Name: Enter a name for the action group.

Short name: Enter a short name for the action group.

Email recipient: Enter the email address of the user you want to receive the alert. For example, adminl@contoso.com.

Select OK.

Question: 342

SIMULATION

Lab Task

use the following login credentials as needed:

To enter your username, place your cursor in the Sign in box and click on the username below.

To enter your password. place your cursor in the Enter password box and click on the password below.

Azure Username: Userl -28681041@ExamUsers.com

Azure Password: GpOAe4@lDg

If the Azure portal does not load successfully in the browser, press CTRL-K to reload the portal in a new browser tab.

The following information is for technical support purposes only:

Lab Instance: 28681041

Task 7

You need to collect all the audit failure data from the security log of a virtual machine named VM1 to an Azure Storage account. To complete this task, sign in to the Azure portal.

Answer: Check below

steps in explanation

for Task.

Explanation:

To collect all the audit failure data from the security log of a virtual machine named VM1 to an Azure Storage account, you can follow these steps:

In the Azure portal, search for and select the virtual machine named VM1.

In the left pane, select Diagnostic settings.

Select Add diagnostic setting.

In the Add diagnostic setting pane, enter the following information:

Name: Enter a name for the diagnostic setting.

Destination: Select Storage account.

Storage account: Select the storage account you want to use.

Logs: Select Windows Event Logs.

Categories: Select Security.

Event types: Select Audit Failure.

Select Save.

Question: 343

SIMULATION

Lab Task

use the following login credentials as needed:

To enter your username, place your cursor in the Sign in box and click on the username below.

To enter your password. place your cursor in the Enter password box and click on the password

below.

Azure Username: Userl -28681041@ExamUsers.com

Azure Password: GpOAe4@lDg

If the Azure portal does not load successfully in the browser, press CTRL-K to reload the portal in a new browser tab.

The following information is for technical support purposes only:

Lab Instance: 28681041

Task 8

You need to prevent HTTP connections to the rg1lod28681041n1 Azure Storage account.

Answer: Check below

steps in explanation

for Task.

Explanation:

To prevent HTTP connections to the rg1lod28681041n1 Azure Storage account, you can follow these steps:
In the Azure portal, search for and select the storage account named rg1lod28681041n1.
In the left pane, select Firewalls and virtual networks.
In the Firewalls and virtual networks pane, select Selected networks.
In the Selected networks pane, select Add existing virtual network.
In the Add existing virtual network pane, select the virtual network that does not allow HTTP connections.
Select Add.

Question: 344
SIMULATION
Lab Task
use the following login credentials as needed:

To enter your username, place your cursor in the Sign in box and click on the username below.

To enter your password. place your cursor in the Enter password box and click on the password below.

Azure Username: Userl -28681041@ExamUsers.com

Azure Password: GpOAe4@lDg

If the Azure portal does not load successfully in the browser, press CTRL-K to reload the portal in a new browser tab.

The following information is for technical support purposes only:

Lab Instance: 28681041

Task 9

You need to ensure that the rg1lod28681041n1 Azure Storage account is encrypted by using a key stored in the KeyVault28681041 Azure key vault.

Answer: Check below
steps in explanation
for Task.

Explanation:

To ensure that the rg1lod28681041n1 Azure Storage account is encrypted by using a key stored in the KeyVault28681041 Azure key vault, you can follow these steps:
In the Azure portal, search for and select the storage account named rg1lod28681041n1.
In the left pane, select Encryption.
In the Encryption pane, select Customer-managed key.
In the Customer-managed key pane, select Select from Key Vault.
In the Select from Key Vault pane, enter the following information:
Key vault: Select the KeyVault28681041 Azure key vault.
Key: Select the key you want to use.
Select Save.

Question: 345

SIMULATION

Lab Task

use the following login credentials as needed:

To enter your username, place your cursor in the Sign in box and click on the username below.

To enter your password. place your cursor in the Enter password box and click on the password below.

Azure Username: Userl -28681041@ExamUsers.com

Azure Password: GpOAe4@lDg

If the Azure portal does not load successfully in the browser, press CTRL-K to reload the portal in a new browser tab.

The following information is for technical support purposes only:

Lab Instance: 28681041

Task 10

You need to create a new Azure AD directory named 28681041.onmicrosoft.com. The new directory must contain a new user named user1@28681041.onmicrosoft.com.

Answer: Check below

steps in explanation

for Task.

Explanation:

To create a new Azure AD directory named 28681041.onmicrosoft.com that contains a new user named user1@28681041.onmicrosoft.com, you can follow these steps:

In the Azure portal, search for and select Azure Active Directory.

In the left pane, select Domains.

Select Add domain.

In the Add a custom domain pane, enter the following information:

Domain name: Enter the domain name you want to use. For example, 28681041.onmicrosoft.com.

Add domain: Select Add domain.

In the left pane, select Users.

Select New user.

In the New user pane, enter the following information:

User name: Enter the user name you want to use. For example, user1@28681041.onmicrosoft.com.

Name: Enter the name of the user.

Password: Enter a password for the user.

Groups: Select the groups you want the user to be a member of.

Select Create.

You can find more information on these topics in the following Microsoft documentation:

Add a custom domain name to Azure Active Directory

Create a new user in your organization - Azure Active Directory

Question: 346

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: C

Explanation:

Question: 347

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

Name	Operating system
Computer1	Windows 10
Computer2	Windows Server 2022
Computer3	SUSE Linux Enterprise Server (SLES)

You need to enable file integrity monitoring in Microsoft Defender for Cloud. Which computers will support file integrity monitoring?

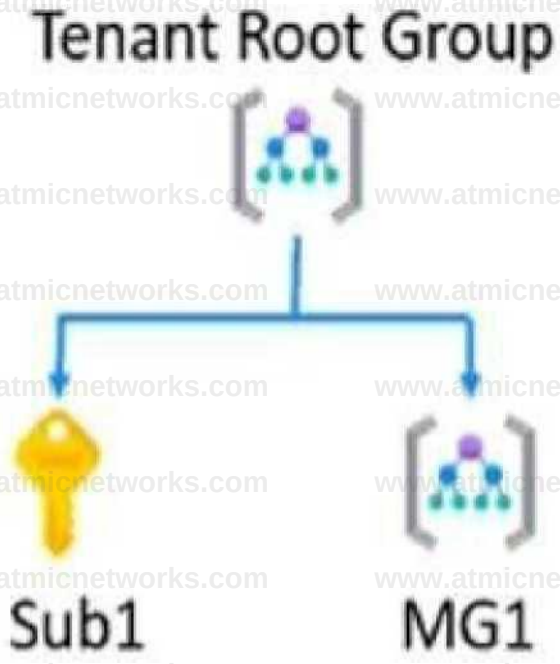
A. Computed only
B. Computer 1 and Computer2 only
C. Computed and Computed only
D. Computer1, Computer2, and Computer3

Answer: D

Explanation:

Question: 348

You have an Azure subscription named Sub1 that uses Microsoft Defender for Cloud. You have the management group hierarchy shown in the following exhibit.



You create the definitions shown in the following table.

Name	Location	Type
Policy1	Sub1	Policy
Initiative1	Tenant Root Group	Initiative
Initiative2	Sub1	Initiative
Initiative3	MG1	Initiative

You need to use Defender for Cloud to add a security policy. Which definitions can you use as a security policy?

A. Policy1 only
B. Policy1 and Initiative1 only
C. Initiative1 and Initiative2 only
D. Initiative1, Initiative2, and Initiatives only
E. Policy1, Initiative1, Initiative2, and Initiative3

Answer: B

Explanation:

Question: 349

You have an Azure subscription that uses Azure AD Privileged Identity Management (PIM).

A user named User1 is eligible for the Billing administrator role.

You need to ensure that the role can only be used for a maximum of two hours.

What should you do?

A. Create a new access review.
B. Edit the role assignment settings.
C. Update the end date of the user assignment
D. Edit the role activation settings.

Answer: B

Explanation:

www.atmicnetworks.com

Question: 350

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

Name	
storage 1	Storage account
KeyVautt!	Azure k«y vault

You need to configure storage1 to regenerate keys automatically every 90 days. Which cmdlet should you run?

A. set -A=StorageAccount
B. Add-A:StorogcAccountmanagementPolicyAction
C. Set-A;StorageAccountimanagementPolicy
D. Add-AsKeyVaultmanageStorageAccount

Answer: D

Explanation:

Question: 351

You have an Azure subscription that contains a web app named Appl. 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 Pool! and Pool2. Pool1 hosts product images. Pool2 hosts product videos. You need to optimize The performance of Appl. 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

Explanation:

Question: 352

HOTSPOT

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
Vnetl	UK West	10.1.0,0/16	VneB
Vnet2	East US	10.2.0.0/16	Vnetl, VneB
VneB	West US	10.3.0.0/16	VneB,

The subscription contains the subnets shown in the following table.

Name	Virtual network	IP address range
Subnetl-1	Vnetl	10.1.1.0/24
Subnetl-2	Vnetl	10.1.2.0/24
AzureFirewallSubne	Vnetl	10.1.3.0/24
Subnet/-1	Vne-2	10.2.1.0/24
SubneB-1	VneB	103.1.0/24

The subscription contains the routes shown in the following table.

Name	Subnet	IP address prefix	Next hop type	Next hop IP address
Rt1	Subnetl-	o.o.o.o/o	Virtual appliance	10.13.4
Rt2	Subnet 1-2	10.1.1.0/24	Virtual appliance	10.13.4
Rt3	Subnet2-1	10.1.1.0/24	Virtual appliance	10.13.4
Rt4	SubneB-1	10.2.1.0/24	Virtual appliance	10.13.4

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 Subnet 1-1 to Subnet 1-3 is routed through Fwl.	-1	
Traffic from Subnet2-1 to Subnet 1 -1 is routed through Fwl.		
Traffic from Subnets-1 to the internet is routed through Fw1.		

Answer:

Explanation:

Answer Area

Statements	Yes	No
Traffic from Subnetl-1 to Subnet 1-3 is routed through Fwl.	®	
Traffic from Subnet2-1 to Subnet 1 -1 is routed through Fwl.	O	®
Traffic from SubnetJ-1 to the internet is routed through Fwl.	®	

Question: 353

DRAG DROP

You have an Azure subscription.

You plan to create two custom roles named Role1 and Role2.

The custom roles will be used to perform the following tasks:

- Members of Role1 will manage application security groups.
- Members of Role2 will manage Azure Bastion.

You need to add permissions to the custom roles.

Which resource provider should you use for each role? To answer, drag the appropriate resource providers to the correct roles. Each resource provider 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

Resource Providers

Microsoft.Compute

Microsoft.Network

Microsoft.Security

Microsoft.Solutions

Answer Area

Answer:

Explanation:

Resource Providers

Microsoft.Compute

Microsoft.Network

Microsoft.Security

Microsoft.Solutions

Answer Area

Rolel: | Microsoft Netwoik

Role?: | Mrcrosoft-Network

Question: 354

You have an Azure subscription that contains a resource group named RG1 and a security group named ServerAdmins. RG1 contains 10 virtual machines, a virtual network named VNET1, and a network security group JNSG) named NSG1. ServerAdmins can access the virtual machines by using RDP.

You need to ensure that NSG1 only allows RDP connections to the virtual machines for a maximum of 60 minutes when a member of ServerAdmins requests access.

What should you configure?

A. an Azure policy assigned to RGI
B. a just in time (JIT) VM access policy in Microsoft Defender for Cloud
C. an Azure AD Privileged Identity Management (PiM) role assignment
D. an Azure Bastion host on VNET1

Answer: B

Explanation:

Question: 355

DRAG DROP

You have two Azure subscriptions named Sub1 and Sub2. Sub1 contains a resource group named RG1 and an Azure policy named Policy1.

You need to remediate the non-compliant resources in Sub1 based on Policy1.

How should you complete the PowerShell script? To answer, drag the appropriate values to the correct targets. Each value 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.

Values

- Get-AzPolicyRemediation
- Set-AzContext
- Set-AzResourceGroup
- Start-AzPolicyComplianceScan
- Start-AzPolicyRemediation

Answer Area

SpolicyAssignmentId - "/subscriptions/f0710c27-9663-4c05-19f8-Ib4be01e86a5/providers7Hicrosoft.Authorization?f

Value -Subscription "Sub!"

Value -PolicyAssignmentId SpolicyAssignmentId -Name "policyl" -ResourceDiscovery

Answer:

Explanation:

For the first blank, use Set-AzContext to set the current subscription context.
For the second blank, use Start-AzPolicyRemediation to create and start a policy remediation for a policy assignment.
The final script should look like this:
$policyAssignmentId = "/subscriptions/f0710c27-9663-4c05-1978-1bdbedle86as/providers/Microsoft. Authorization/f Value Set-AzContext -Subscription “Sub1”
Value Start-AzPolicyRemediation -PolicyAssignmentId $policyAssignmentId -Name "policy1” - ResourceDiscovery

Question: 356

HOTSPOT

You plan to deploy a custom policy initiative for Microsoft Defender for Cloud.

You need to identify all the resource groups that have a Delete lock.

How should you complete the policy definition? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

• • «

"policyRule": {

"If": {

•field": "type",

"equals": Microsoft Resources/subsaiptions'

' Microsoft .Resou ices/subscnpt ions"

Microsoft. Resources/subsaiptions/resourceGfoups'

* resourceGroups"

"effect": "auditlfBotcxists",

"details': (

"type": "Microsoft.Authorisation,•'locks",

'existenceCondrtion' ' : [

'enstenceCondition*

"operations'

| value' f

"field": "Microsoft.Autborlration/lacks/level".

"equals": "CanHotDelete*

}

Answer:

Explanation:

Answer Area

"policyRule''': {

■**if: (**

"field": "type",

"equals": 1

. "MicrosoftResources^subscrigtion<^^^^^^^^^^^

```
"then": {          "resourceGroups"

        "effect": "auditlfNotExists", "details": {

       "type": "Microsoft.Authorization/locks",
```

"operations" "value"

```
"field":
"Microsoft.Authorization/locks/level",

"equals": "CanNotDelete"
```

A screenshot of a computer Description automatically generated

Question: 357

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

Name	Description
Used	Uses app password authentication lor the Mail ana Calendar app in Windows 10
USCT2	Uses Outlook on the web

You need to ensure that the users cannot create app passwords. The solution must ensure that User1 can continue to use the Mail and Calendar app.

What should you do?

A. Assign User! the Authentication Policy Administrator role.
B. Enable Azure AD Password Protection.
C. Configure a multi-factor authentication (MFA) registration policy.
D. Create a new app registration.

Answer: C

Explanation:

Question: 358

You have an Azure subscription that uses Microsoft Defender for Cloud.

You have an Amazon Web Services (AWS) account.

You need to ensure that when you deploy a new AWS Elastic Compute Cloud (EC2) instance, the Microsoft Defender for Servers agent installs automatically.

What should you configure first?

A. the log Analytics agent

B. the Azure Monitor agent
C. the native cloud connector
D. the classic cloud connector

Answer: A

Explanation:

Question: 359

You have an Azure subscription.
You plan to map an online infrastructure and perform vulnerability scanning for the following:

- ASNs
- Hostnames
- IP addresses
- SSL certificates

What should you use?

A. Microsoft Defender for Cloud
B. Microsoft Defender for Identity
C. Microsoft Defender for Endpoint
D. Microsoft Defender External Attack Surface Management (Defender EASM)

Answer: D

Explanation:

Question: 360

You have an Azure subscription that uses Microsoft Defender for Cloud. You have accounts for the following cloud services:

- Alibaba Cloud
- Amazon Web Services (AWS)
- Google Cloud Platform (GCP)

What can you add to Defender for Cloud?

A. AWS only
B. Alibaba Cloud and AWS only
C. Alibaba Good and GCP only
D. AWS and GCP only
E. Alibaba Cloud, AWS. and GCP

Answer: D

Explanation:

Question: 361

HOTSPOT

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

Name	Typ^
litem'	Key
litem?	Secret
Policy 1	Access policy

In KeyVault1 the following events occur in sequence:

- item is deleted.
- 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. ui

Answer Area

Statements	Yes	No
You can recover Policy!	0	0
You can add a new key named Hem!	Q	
You can recover ItemZ.	O	

Answer:

Explanation:

Answer Area

Statements	Yes	No
You can recover Poky 1,	O	•
You can add a new key named item)		
You can recover ttem2		

Question: 362

You have an Azure subscription that contains a Microsoft Defender External Attack Surface Management (Defender EASM) resource named EASM1. You review the Attack Surface Summary dashboard. You need to identify the following insights:

- Deprecated technologies that are no longer supported
- Infrastructure that will soon expire

Which section of the dashboard should you review?

A. Securing the Cloud
B. Sensitive Services
C. attack surface composition
D. Attack Surface Priorities

Answer: C

Explanation:

www.atmicnetworks.com

Question: 363

HOTSPOT

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

Microsoft 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 Microsoft Sentinel components to configure to meet the following requirements:

- When Microsoft 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 Microsoft 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.

Answer Area

When Microsoft Sentinel identifies a threat an incident must be created: | Analytics

Analytics
Data connectors
Playbooks
Workbooks

A ticket must be logged in the service management platform when an incident <s created in Microsoft | Playbooks

Senunel: Analytics
Data connectors
Playbooks
Workbooks

Answer:

Explanation:

Answer Area

When Microsoft Sentinel identifies a threat an incident must be created: Analytics

A ticket must be logged in the service management platform when an incident is created in Microsoft Playbooks

Cpnrmpl'

Question: 364

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

Name	Type
LSI	Azure Standard Load Balancer
W1	Virtual machine
5QL1	Azure SQL Database
VMSS1	Virtual machine scale set

You plan to deploy an Azure Private Link service named APL1.

Which resource must you reference during the creation of APL1?

A. VMSS1

B. VM1

C. SQL

D. LB1

Answer: D

Explanation:

Question: 365

You have an Azure subscription.

You need to deploy an Azure virtual WAN to meet the following requirements:

- Create three secured virtual hubs located in the East US, West US, and North Europe Azure regions.
- Ensure that security rules sync between the regions.

What should you use?

A. Azure Firewall Manager
B. Azure Virtual Network Manager
C. Azure Network Function Manager
D. Azure Front Door

Answer: A

Explanation:

Question: 366

SIMULATION

Lab Task

Task 1

You need to ensure that connections from the Internet to VNET1\subnet0 are allowed only over TCP port 7777. The solution must use only currently deployed resources.

Answer: see the task answer with step by step below:

Explanation:

You need to configure the Network Security Group that is associated with subnet0.

1. In the Azure portal, type Virtual Networks in the search box, select Virtual Networks from the search results then select VNET1. Alternatively, browse to Virtual Networks in the left navigation pane.
2. In the properties of VNET1, click on Subnets. This will display the subnets in VNET1 and the Network Security Group associated to each subnet. Note the name of the Network Security Group associated to Subnet0.
3. Type Network Security Groups into the search box and select the Network Security Group associated with Subnet0.
4. In the properties of the Network Security Group, click on Inbound Security Rules.
5. Click the Add button to add a new rule.
6. In the Source field, select Service Tag.
7. In the Source Service Tag field, select Internet.
8. Leave the Source port ranges and Destination field as the default values (* and All).
9. In the Destination port ranges field, enter 7777.
10. Change the Protocol to TCP.

11. Leave the Action option as Allow.
12. Change the Priority to 100.
13. Change the Name from the default Port_8080 to something more descriptive such as Allow_TCP_7777_from_Internet. The name cannot contain spaces.
14. Click the Add button to save the new rule.

Question: 367

SIMULATION

Lab Task

Task 2

You need to ensure that the events in the NetworkSecurityGroupRuleCounter log of the VNETOI- Subnet0-NSG network security group (NSG) are stored in the logs31330471 Azure Storage account for 30 days.

Answer: see the task answer with step by step below:

Explanation:

Enable diagnostic resource logging for the NSG. You can use the Azure portal, Azure PowerShell, or the Azure CLI to do this. You need to select the Rule counter category under Logs and choose the logs31330471 storage account as the destination.

Configure the retention policy for the storage account to keep the logs for 30 days. You can use the Azure portal, Azure PowerShell, or the Azure CLI to do this. You need to specify the days parameter as 30 for the Set-AzStorageServiceProperty cmdlet or the az storage logging update command.

View and analyze the logs in the storage account. You can use any tool that can read JSON files, such as Azure Storage Explorer or Visual Studio Code. You can also export the logs to any visualization tool, SIEM solution, or IDS of your choice

Question: 368

SIMULATION

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.

Answer: see the task answer with step by step below:

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.

Question: 369

SIMULATION

Lab Task

Task 4

You need to ensure that when administrators deploy resources by using an Azure Resource Manager template, the deployment can access secrets in an Azure key vault named KV31330471.

Answer: see the task answer with step by step below:

Explanation:

Grant permission to the application that is used to deploy the resources 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 application 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.

Question: 370

SIMULATION

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.

Answer: see the task answer with step by step below:

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.

Question: 371

SIMULATION
Lab Task

Task 6

You need to configure a Microsoft SQL server named Web3l 330471 only to accept connections from the Subnet0 subnet on the VNET01 virtual network.

Answer: see the task answer with step by step below:

Explanation:

Configure the firewall settings for the SQL server. You can use the Azure portal, Azure PowerShell, or the Azure CLI to do this. You need to add a firewall rule that allows inbound traffic from the IP address range of the Subnet0 subnet. You also need to disable the option to allow Azure services and resources to access this server.
Configure the network settings for the SQL server. You can use the Azure portal, Azure PowerShell, or the Azure CLI to do this. You need to enable service endpoints for SQL Server on the Subnet0 subnet. You also need to add a virtual network rule that links the SQL server to the Subnet0 subnet.
Configure the connection settings for the SQL server. You can use SQL Server Management Studio or Transact-SQL to do this. You need to enable remote server connections and specify a TCP port for listening. You also need to configure SQL Server Authentication or Azure Active Directory Authentication for connecting to the SQL server.

Question: 372

SIMULATION
Lab Task

Task 7

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

Answer: see the task answer with step by step below:

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.

Question: 373

You have an Azure subscription that uses Microsoft Defender for Cloud.
You have an Amazon Web Service (AWS) account named AWS1 that is connected to defender for Cloud.
You need to ensure that AWS foundational Security Best Practices. The solution must minimize administrate effort.
What should do you in Defender for Cloud?

A. Create a new customer assessment.
B. Assign a built-in assessment.
C. Assign a built-in compliance standard.
D. Create a new custom standard.

Answer: C

Explanation:

Question: 374

You have an Azure subscription that contains an Azure Blob storage account bolb1.
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: B

Explanation:

Question: 375

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

Name	Type
ar	A'jre Cosmes DS KCOur:
VM1	Vit»a -re" re
VM2	V-tua mac re
vNn	Viu4 ʳeVAorK
N5G1	-cTACʳ<secjrʳ jrc^o .EG

Both VM1 and VM2 connect to VNET1 and are configured to use NSG1.

You need to ensure that only VM1 and VM2 can access DB1.

What should you do?

A. Add the IP address range of VNET1 to the Firewall setting of DB1.
B. For NSG1, configure a rule that has a service tag.
C. Create an application security group.
D. Configure DB1 to allow access from only VNET1.

Answer: B

Explanation:

Question: 376

DRAG DROP

You have an Azure subscription.

You plan to implement Azure DDoS Protection. The solution must meet the following requirement:

* Provide access to DDoS rapid response support during active attacks.

* Project Basic SKU public IP addresses.

You need to recommend which type of DDoS projection to use for each requirement.

What should you recommend? To answer, drag the appropriate DDoS projection types to the correct requirements. Each DDoS Projection type may be used once, or not at all. You may need to drag the split bar between panes or scroll to view connect.

NOTE: Each correct selection is worth one point.

DOoS Protection types pDoi .rfrjst^b't protect on 53cS **IP** Protection

^DDoS Network Protector

Answer Area

W^e access to DDoS raoG resporse
suopot Our nj actM atuos: [

Protect Sasic SKu o_a c IP asaresses: p

Answer:

Explanation:

DOoS Prelection types

ppDoS -r^sstr-ucture protecton

pjCcTipPreteeion [DDoS Newer* Protector

Answer Area

device access to DOoS upto response _____
support c jf flfl Kt .* sokw: | DOOS Neave* Protect or

Protect Basic ssu pub c'-1 Moteses: [□DcsTp'PrD'eclcr

Question: 377

HOTSPOT

You have an Azure subscription that contains a user named User1. User1 is assigned the Reader role for the subscription.

You plan to create a custom role named Role1 and assign Role1 to User1.

You need to ensure that User1 can create and manage application security groups by using the Azure portal.

Which two permissions should you add to Role1? To answer, select the appropriate permission in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

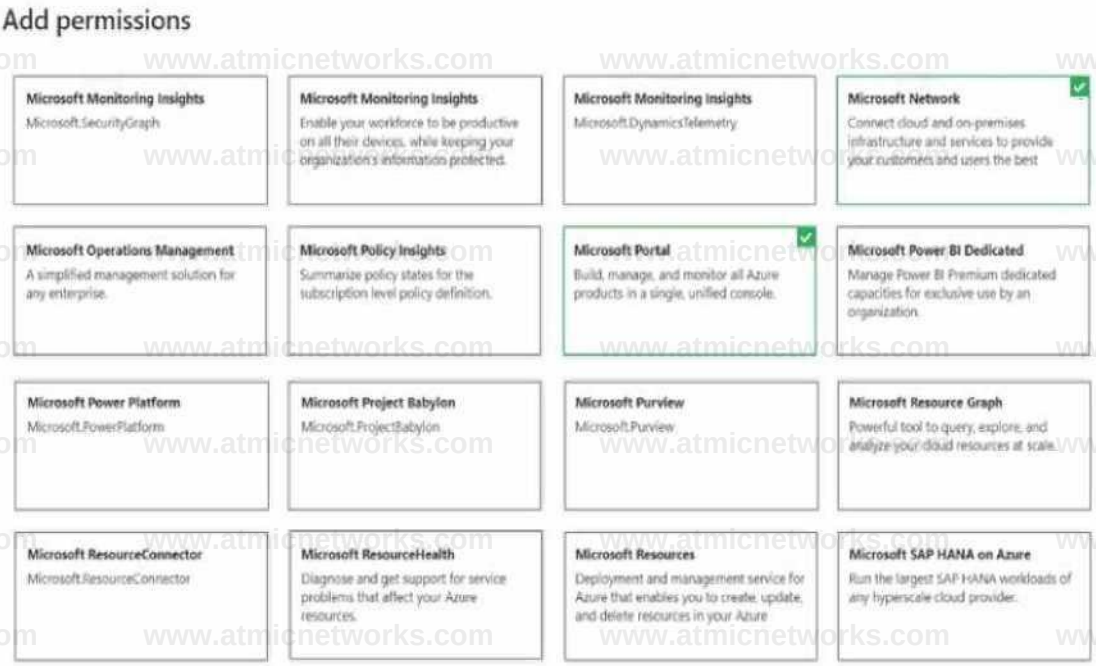
Add permissions

Microsoft Monitoring Insights **Microsoft.SecurityGraph**	Microsoft Monitoring Insights **Enable your workforce to be productive on all their devices, while keeping your organization's information protected.**	Microsoft Monitoring Insights **Microsoft Dynamics?elemetry**	Microsoft Network **Connect cloud and on-premises infrastructure and services to provide your customers and users the best.**
Microsoft Operations Management **A simplified management solution for any enterprise**	Microsoft Policy Insights **Summarize policy states for the subscription level policy definition.**	Microsoft Portal **Build, manage, and monitor all Azure products in a single, unified console.**	Microsoft Power BI Dedicated **Manage Power BI Premium dedicated capacities for exclusive use by an organization.**
Microsoft Power Platform **Microsott.PowerPlatform**	Microsoft Project Babylon **Microsoft. ProjectBabylon**	Microsoft Purview **MicrosoftPurview**	Microsoft Resource Graph **Powerful tool to query, explore, and analyze your cloud resources at scale.**

Answer:

Explanation:

Answer Area



1. Microsoft Portal 2. Microsoft Network https://learn.microsoft.com/en-us/azure/azure-resource-manager/management/azure-services-resource-providers

Question: 378

You have an Azure subscription that contains an Azure web app named 1 and a virtual machine named VM1. VM1 runs Microsoft SQL Server and is connected to a virtual network named VNet1. App1, VM1, and Vent are in the US Central Azure region.

You need to ensure that App1 can connect to VM1. The solution must minimize costs.

A. NAT gateway integration
B. Azure Front Door
C. regional virtual network integration
D. gateway-required virtual network integration
E. Azure Application Gateway integration

Answer: C

Explanation:

Question: 379

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

App1 connects to an Azure Cosmos DB database named Cosmos1 that uses a private endpoint named Endpoint1. Endpoint1 has the default settings.

You need to validate the name resolution to Cosmos1.

Which DNS zone should you use?

A. Endpoint1. Privatelink,blob,core,windows,net
B. Endpoint1. Privatelink,database,azure,com
C. Endpoint1. Privatelink,azurewebsites,net
D. Endpoint1. Privatelink,documents,azure,com

Answer: D

Explanation:

Question: 380

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

Name	Virtual network	Location
Sundem	VM?'	Wen J 5
	Ar"	We# /
Sut-^i	VNetZ	

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 UAS): 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

Explanation:

Question: 381

You have an Azure AD turned that contains a user named User1.

You purchase an App named App1.

User1 needs to publish App1 by using Azure AD Application Proxy.

Which role should you assign to User1?

A. Hybrid identity Administrator
B. Cloud App Security Administrator
C. Application Administrator
D. Cloud Application Administrate

Answer: C

Explanation:

Question: 382

DRAG DROP

You have an Azure subscription named Sub1 that contains the storage accounts shown in the

following table

Name	Resource group
storage1	RG1
storage2	RG1
storage3	RG2

The storage3 storage account is encrypted by using customer-managed keys.

YOU need to enable Microsoft Defender for storage to meet the following requirements.

* The storage1 and storage2 account must be include in the defender for storage requirement.

* The storage3 account must be exclude from the Defender for Storage protections.

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

Actions

For storage^ 0 sab e the CurtOffef-managed ke>s

Di»oi« Defencer to' Storage tor Jtorage3-

E-abie the Defender tor Storage pan tor Subl.

For storage^ ass gr the AzDetonderPianAutoEnabe tag ano set the value to oft

Enable the Deto-dr tor Storage pan ton Wt.

Answer Area

1

2

3

Answer:

Explanation:

Actions

For storage; c sa&e the customer-rarej« Ceys

D MDie Defence! to* Storage for storages.

Answer Area

1 E-ae e the Defender tor Storage par tor Subl.

2 I For staagei, ass gr tre AWefcrtderWw'AutaE^ tag ana set tne value to oil

j | ^ai t the De'encer tor Storage pan fy BG~.

Question: 383

HOTSPOT

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

Name	Role
Userl	Global administrator
UserZ	Security administrator
User3	Security reader
Userf	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 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 User2 only

User1 and User3 only

User1, User 2, and User3 only

User1, User 2, User3, and User 4

Answer:

Explanation:

Answer Area

Users who can onboard Azure AD Identity Protection: User 1 only

Users who ran remediate users and configure policies: User1 and User2 only

Question: 384

HOTSPOT

You are implementing an Azure Application Gateway web application firewall (WAF) named WAF1.

You have the following Bicep code snippet.

```
resource AppCW_AppFW_Pol 'Microsoft.Hetwork/ApplicationGatewayWebApplicationFirewallPolicies^2021-08-01¹ • { name:
  AppGW_AppFW_Pol_name location: location properties: {
  customRules: [ {
    name: *CustRule01* priority: 100
    ruleType: 'HatchRule' action: 'Block' matchconditions: [ { matchvariables: [ {
        variableName: 'RemoteAddr'
        } ] operator: 'IPHatch' negationConditon: true matchValues: [
        '10.10.10.0/24'

    }
  policySettings: { requestBodyCheck: true maxRequestBodySlzelnKb: 128 state: 'Enabled' mode: 'Detection'
  managedRules: { managedRuleSets: [
      ruleSetlype: 'OWASP' ruleSetVersion: '3.2'

  }
```

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
A request to the backend pool from IP address 10.1.1.5 is allowed.	0	0
Incoming requests attempting file path attacks are blocked.	0	0
WAF1 allows a 50-MB file to be uploaded.	0	0

Answer:

Explanation:

Answer Area

Statements	Yes	No
A request to the backend pool from IP address 10.1.1.5 is allowed.	0	@

Incoming requests attempting file path attacks are blocked. ® 0

WAF1 allows a 50-MB file to be uploaded. 0 ©

Question: 385

HOTSPOT

You have an Azure SQL database named DB1 that contains a table named Table.

You need to configure DB1 to meet the following requirements;

- Sensitive data in Table1 must be identified automatically.
- Only the first character and last character of the sensitive data must be displayed in query results.

Which two features should you configure? To answer, select the features in the answer area.

NOTE: Each correct selection is worth one point.

DB1
SQL database
Search (Ctrl+/)
Auditing
Ledger
Data Discovery & Classification
Dynamic Data Masking
Microsoft Defender for Cloud
Transparent data encryption
Intelligent Performance
Performance overview
Performance recommendations
Query Performance Insight
Automatic tuning
Monitoring
Alerts
Metrics
Diagnostic settings
Logs

Answer:

Explanation:

1. Data Discovery & Classification
2. Dynamic Data Masking

https://learn.microsoft.com/en-us/azure/azure-sql/database/data-discovery-and-classification- overview?view=azuresql

Data Discovery & Classification is built into Azure SQL Database, Azure SQL Managed Instance, and Azure Synapse Analytics. It provides basic capabilities for discovering, classifying, labeling, and reporting the sensitive data in your databases.

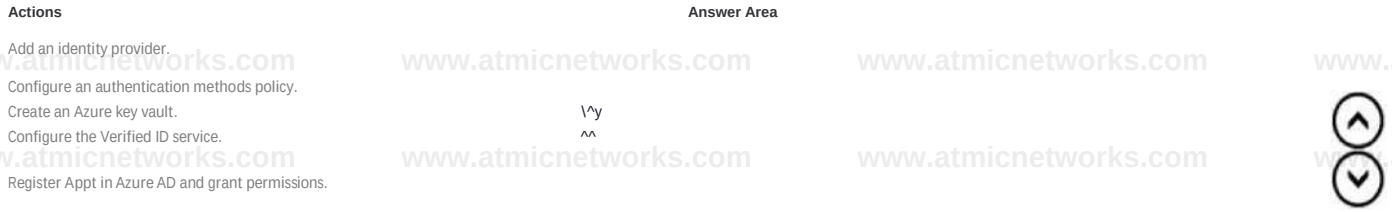
Question: 386

DRAG DROP

You have an Azure AD Tenant and an application named App1.

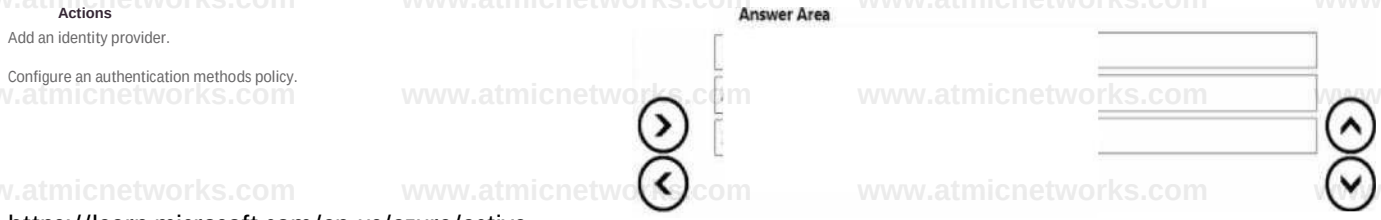
You need to ensure that App1 can use Microsoft Entra Verified ID to verify credentials.

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.



Answer:

Explanation:



https://learn.microsoft.com/en-us/azure/active-directory/verifiable-credentials/verifiable- credentials-configure-tenant

Question: 387

You have an Azure AD tenant.

You plan to implement an authentication solution to meet the following requirements:

- Require number matching.
- Display the geographical location when signing in.

Which authentication method should you include in the solution?

A. SMS
B. Temporary Access Pass
C. Microsoft Authenticator
D. FID02 security key

Answer: B

Explanation:

Question: 388

HOTSPOT

You have an Azure Subscription that is connected to an on-premises datacenter and contains the resources shown in the following table.

Name	Description
storagel	A storage account
storage?	A storage account
KeyVaultl	An Azure key vault
VNetl	A virtual network containing a single subnet that has five virtual machines connected
VNet2	A virtual network containing a single subnet that has three virtual machines connected

You need to configure virtual network service endpoints for VNet1 and VNet2. The solution must meet the following requirements:

- The virtual machines that connect to the subnet of VNet1 must access storage1, storage2, and Azure AD by using the Microsoft backbone network.
- The virtual machines that connect to the subnet of VNet2 must access storage1 and KeyVault1 by using the Microsoft backbone network.
- The virtual machines must use the Microsoft backbone network to communicate between VNet1 and VNet2.

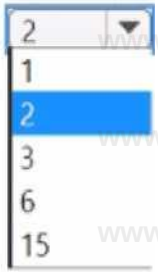
How many service endpoints should you configure for each virtual network? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

VNetl: 1

VNet2: 2



Answer:

Explanation:

Answer Area

VNetl: 1

VNet2: *2*

Question: 389

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

Userl	User	*Not applicable*
Groupl	Microsoft 365 group	Ves
Group2	Security group	No
Group3	Security group	Yes
Group4	Security group	Yes

You assign Group4 the Contributor role for RG1.

Which identities can you add to Group4 as members?

A. User1 only
B. User1 and Group3 only
C. User1, Group1, and Group3 only
D. User1, Group2, and Group3 only
E. User1, Group1, Group2, and Group3

Answer: E

Explanation:

Question: 390

You have an Azure subscription that contains an Azure Key Vault Standard key vault named Vault1.

Vault1 hosts a 2048-bit RSA key named key1.

You need to ensure that key1 is rotated every 90 days.

What should you do first?

A. Create a key rotation policy.
B. Modify the Access policies settings of Vault1.
C. Upgrade Vault1 to Key Vault Premium.
D. Recreate key1 as an EC key.

Answer: A

Explanation:

Question: 391

HOTSPOT

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

Name	Subnet	Subnet-associated network security group (NSG)	Peered with
VNetl	Subnetl	NSG1	VNet2
VNet2	Subnet?	NSG2	VNet!

NSG1 and NSG2 both have default rules only.

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

Name	Connected to
VMI	Subnet!
VM2	Subnet?

The subscription contains the web apps shown in the following table.

Name	Description
I WebAppl	Uses an App Service plan in the Premium pricing tier and has virtual network integration with VNetl
WebApp2	Uses an App Service plan in the Isolated pricing tier and is deployed to Subnet2

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
WebAppl can connect to VM2.	O	
NSG1 controls inbound traffic to WebAppl.	Q	O
WebApp2 can connect to VM1.	O	O

Answer:

Explanation:

Answer Area

Statements	Yes	No
WebAppl can connect to VM2.	®	0
NSG1 controls inbound traffic to WebAppl.	0	®
WebApp2 can connect to VM1.	0	®

Question: 392

DRAG DROP

You have an Azure subscription.

You create an Azure Firewall policy that has the rules shown in the following table:

Name	Type	Priority
Rule1	Application rule collection	100
Rule2	NAT rule collection	200
Rule3	Network rule collection	300
Rule4	NAT rule collection	400
Rule5	Network rule collection	500

In which order should the rules be processed? To answer, move all rules from the list of rules to the answer area and arrange them in the correct order.

Answer:

Explanation:

The rules should be processed in the following order:

Rule1: This is a network rule collection with the lowest priority (100). It allows any protocol and port from any source to any destination.

Rule2: This is a NAT rule collection with the second lowest priority (200). It translates the source IP address of VM1 to a public IP address when it accesses the internet.

Rule3: This is an application rule collection with the third lowest priority (300). It allows HTTP and HTTPS traffic from any source to any destination.

Rule4: This is an application rule collection with the fourth lowest priority (400). It blocks HTTP and HTTPS traffic from any source to www.contoso.com.

Rule5: This is a network rule collection with the highest priority (500). It blocks ICMP traffic from any source to any destination.

The rules are processed from the lowest priority to the highest priority. If a rule matches the traffic, it is applied and no further rules are evaluated. If no rule matches the traffic, it is denied by default.

Question: 393

You have an Azure subscription that contains an Azure Data Lake Storage account named sa1.

You plan to deploy an app named App1 that will access sa1 and perform operations, including Read. List, Create Directory, and Delete Directory.

You need to ensure that App1 can connect securely to sa1 by using a private endpoint

What is the minimum number of private endpoints required for sa1?

A. 1
B. 2
C. 3
D. 4
E. 5

Answer: A

Explanation:

A private endpoint is a network interface that connects you privately and securely to a service that's powered by Azure Private Link. By enabling a private endpoint, you're bringing the service into your virtual network. You only need one private endpoint for each service that you want to access privately, such as Azure Data Lake Storage. You can create a private endpoint for your Azure Data Lake Storage account named sa1 by following the steps in this article.

Reference:

What is a private endpoint? - Azure Private Link

Private Endpoints for Azure Storage are now Generally Available

Step-by-Step: How to Configure a Private Endpoint to Secure Azure ...

Question: 394

HOTSPOT

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

Name	Type
storage1	Storage account
storage2	Storage account
VM1	Virtual machine
VM2	Virtual machine
Analytics1	Log Analytics workspace

You need to enable Microsoft Defender for Cloud for storage accounts and virtual machines.

At which levels can you enable Defender for Cloud for the storage accounts and the virtual machines? To answer, select the appropriate options in the answer area

NOTE: Each correct selection is worth one point

Storage accounts: _____ ^

Subscription only

Workspace only

Storage account only

Subscription or storage account only

Subscription, workspace, or storage account

Virtual machines: ˅

Subscription only

Workspace only

Virtual machine only

Subscription or virtual machine only

Subscription, workspace, or virtual machine

Answer:

Explanation:

Storage accounts:

- Subscription only
- Workspace only
- Storage account only
- Subscription or storage account only
- Subscription, workspace, or storage account

Virtual machines:

- Subscription only
- Workspace only
- Virtual machine only
- Subscription or virtual machine only
- Subscription, workspace, or virtual machine

Question: 395

HOTSPOT

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

Name	Type	Contains members
Groupl	Security	Yes
Group2	Microsoft 365	No

You assign licenses to the groups as shown in the following table.

Group	License
Groupl	Azure Active Directory Premium P2
Group?	Office 365 E5
Group3	Azure Active Directory Premium P2

On May1, you delete Group1. Group2, and Group3.
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
On May 3, you can restore Groupl.	0	0
On May 15, you can restore Group?.	0	0
On June 3. you can restore Group3.	0	0

Answer:

Explanation:

Answer Area

Statements	Yes	No
On May 3, you can restore Groupl		0
On May 15, you can restore Group?.		
On June 3. you can restore Group3.	®	

Question: 396

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

Name	Location	Description
Groupl	*Not applicable*	Dynamic device security group in Azure AD
Managed!	East US	Managed identity
VM1	West US	Virtual machine that has a system-assigned managed identity
VM2	Central US	Virtual machine
App!	*Not applicable*	Enterprise application in Azure AD

Which resources can be assigned the Contributor role for VM1?

A. Managed1 and App1 only
B. Group1 and Managed1 only
C. Group1. Managed1, and VM2only
D. Group1, Managed1, VM1. and App1 only

Answer: A

Explanation:

www.atmicnetworks.com

Question: 397

DRAG DROP

You have an on-premises datacenter.

You have an Azure subscription that contains a virtual machine named VM1. VM1 is connected to a virtual network named VNet1. VNet1 is connected to the on-premises datacenter by using a Site-to- Site (S2S) VPN.

You plan to create an Azure storage account named storage1 and App1.

You need to ensure that network communication to each resource meets the following requirements:

- Connections to App1 must be allowed only from corporate network NAT addresses.
- Connections from VNet1 to storage1 must use the Microsoft backbone network.
- The solution must minimize costs.

What should you configure for each resource? To answer, drag the appropriate components to the correct resources. 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.

Answer:

Explanation:

Question: 398

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

You need to use the automatically generated service principal for the AKS cluster to authenticate to the Azure Container Registry.

What should you create?

A. an Azure AD user
B. a secret in Azure Key Vault
C. an Azure AD group
D. a role assignment

Answer: D

Explanation:

Question: 399

You have an Azure subscription named Sub1. Sub1 contains a virtual network named VNet1 that contains one subnet named

Subnet1.

Subnet1 contains an Azure virtual machine named VM1 that runs Ubuntu Server 20.04.

You create a service endpoint for Microsoft. Storage in Subnet1.

You need to ensure that when you deploy Docker containers to VM1, the containers can access Azure Storage resources by using the service endpoint.

What should you do on VM1 before you deploy the container?

A. Create an application security group and a network security group (NSG).
B. Install the container network interface (CNI) plug-in.
C. Edit the docker-compose.ym1 file.

Answer: B

Explanation:

Question: 400

You have an Azure subscription that uses Microsoft Defender for Cloud.

You have an Amazon Web Services (AWS) account.

You need to add the AWS account to Defender for Cloud.

What should you do first?

A. From the Azure portal, add the AWS enterprise application.
B. From the AWS account, enable a security hub.
C. From Defender for Cloud, configure the Security solutions settings.
D. From Defender for Cloud, configure the Environment settings.

Answer: D

Explanation:

Question: 401

HOTSPOT

You have a Microsoft Entra tenant that contains the users shown in the following table.

Name	Member of	Role
Adminl	Groupl	Global Administrator
Admin2	Groupl	Privileged Authentication Administrator
Userl	*None*	*None*

You configure the Temporary Access Pass settings as shown in the following exhibit.

Temporary Access Pass settings • X

Temporary Access Pass, or TAP. is a time-limited or limited-use passcode that can be used by users for bootstrapping new accounts, account recovery, or when other auth methods are unavailable. Learn more.

TAP is issuable only by administrators, and is seen by the system as strong authentication. It is not usable for Self Service Password Reset.

Enable and Target Configure

Enable ^^

Include Exclude

Target ( ) All users • Select groups

Add groups

Name	Type	Registration
Groupl	Group	Optional

You add the Temporary Access Pass authentication method to Admin2.

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
Adminl can view the Temporary Access Pass of Admin?,	O	O
Admin? can add the Temporary Access Pass authentication method to Userl.	O	O
Admin? can add the Temporary Access Pass authentication method to Admin!.	0	O

Answer:

Explanation:

Answer Area

Statements	Ves	No
Adminl can view the Temporary Access Pass of Admin?.	O	©
Admin? can add the Temporary Access Pass authentication method to Userl.	©	O
Admin? can add the Temporary Access Pass authentication method to Admim.	0	©

Question: 402

HOTSPOT

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

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

You have a storage account named contoso2024 that contains the following resources:

- A container named Contained that contains a file named File1
- A file share named Share1 that contains a file named File2

You create a private endpoint for contoso2024 as shown in the following exhibit.

Create a private endpoint

Q Validation passed

>Z Basics 'Z Resource x Z Virtual Network xZ DNS xZ Tags 0 Review ♦ create

Basics

Subscription	Azure Pass - Sponsorship
Resource group	RG1
Region	East US
niame	PE1
Network Interface Name	PEI-nic

Resource

Subscription ID	a45b7def-alcc-4700-afeb-80f3dflS85fd (Azure Pass - Sponsorship)
uiiA	Microsoft-Storage/storageAccounts
Resource	
Resource	contoso2024
Target sub-resource	blob

Virtual Network

Virtual network resource group	RGt
Virtual network	VNet2
Subnet	Subnet2l
Network Policies	Disabled
Application security groups	None

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 access File! by using a private IP address.	Ct	
From VM2, you can access Filei by using a private IP address.	0	0
From VM2, you can access File? by using a private IP address.	O	'

Answer:

Explanation:

Answer Area

Statement*	Ye*	No
From VMI. you can access File 1 by using a private IP address '		•
From VM? you can access Filei by using a private IP address.	0	*
From VM? you can access File? by using a private IP address		•

Question: 403

HOTSPOT

You have a Microsoft Entra tenant that contains the users shown in the following table.

Name	Member of	Multi-factor authentication (MFA) status
Userl	Groupl, Group?	Enabled
User2	Groupl	Disabled

You create and enforce a Microsoft Entra Identity Protection sign-in risk policy that has the following settings:

- Assignments: Include Group1, exclude Group2
- Conditions: Sign-in risk level: Low and above
- Access: Allow access, Require multi-factor authentication

You need to identify what occurs when the users sign in to Microsoft Entra ID.

What should you identify for each user? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

When Userl signs in from an anonymous IP address, the user will Be promoted for MFA | Be blocked

Be prompted for MFA

| Sign in by using a username and password only

When User2 signs in from an unfamiliar location, the user will: f Be blocked

Be blocked

Be prompted for MFA

Sign in by using a username and password only

Answer:

Explanation:

Answer Area

When Userl signs in from an anonymous IP address, the user will: Be prompted for MFA

When User2 signs in from an unfamiliar location, the user will: Be blocked

Question: 404

You have a Microsoft Entra tenant that contains a user named User1.

You plan to enable passwordless authentication for the tenant.

You need to ensure that User1 can enable the combined registration experience. The solution must use the principle of least privilege.

Which role should you assign to User1?

A. Security Administrator
B. Global Administrator
C. Privileged Role Administrator
D. Authentication Administrator

Answer: D

Explanation:

Question: 405

You have an Azure subscription.

You plan to deploy a new Conditional Access policy named CAPolicy1.

You need to use the What If tool to evaluate how CAPolicy1 will affect uter1. The solution must minimize the impact of CAPolicy1 on the users.

To what should you set the Enable policy setting for CAPolicy1?

A. Oft
B. On
C. Report only

Answer: C

Explanation:

Question: 406

You have an Azure subscription that contains a virtual network named VNet1 VNet1 contains a single subnet. The subscription contains a virtual machine named VM1 that is connected to VNet1.

You plan to deploy an Azure SQL managed instance named SQL1.

You need to ensure that VM1 can access SQL1.

Which three components should you create? Each correct answer presents pan of the solution.

NOTE: Each correct selection is worth one point.

A. a virtual network gateway

B. a network security group (NSG)

C. a route table

D. a subnet

E. a network security perimeter

Answer: B,C,D

Explanation:

Question: 407

DRAG DROP

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

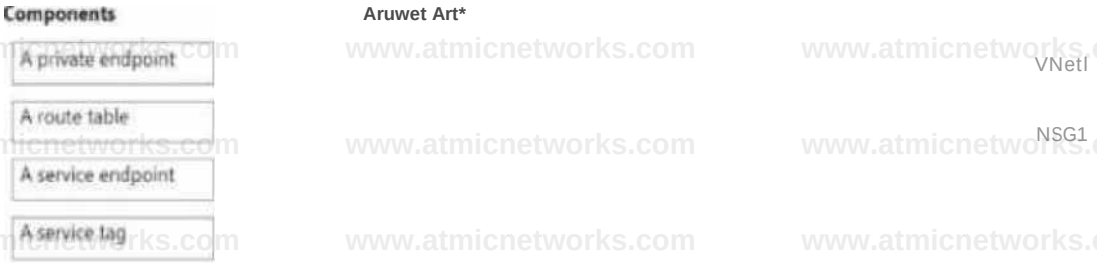
Name	Type	Location
VM1	Virtual machine	East US
VNet1	Virtual network	East US
NSG1	Network security group (NSG)	East US
storage1	Storage account	West US

You need to configure network connectivity to meet the following requirements:

- Communication from VM1 to storage' must traverse an optimized Microsoft backbone network.
- All the outbound traffic from VM1 to the internet must be denied.
- The solution must minimize costs and administrative effort

What should you configure for VNetl and NSG1? To answer, drag the appropriate components to the correct resources. 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.



Answer:

Explanation:

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Components

A p[1] ivate endpoint

A route table

A service endpoint

A service tea

Answer Area

VNeil A service tag

N5G1: A privet? endpoint

Question: 408

HOTSPOT

You have an Azure subscription that contains a storage account named contoso2023. You need to perform the following tasks:

- Verify that identity-based authentication over SMB is enabled.
- Only grant users access to contoso2023 in the year 2023.

Which two settings should you use? To answer, select the appropriate settings in the answer area

NOTE: Each correct selection is worth one point.

Answer Area

— contoso2023 ^

,!Mi> *M: .L fiT

£ Seiieh iOrt-fl

^ Dugfi&w d[1] : a! -^ ptc^bin;

■'V Awe^ Ortnc JAM

g' nit. " ., ilcr*

* E .cn^

■ Sirr.i:].-t!iJ^<r

DJ1J ikrw?

_ COrt***! ii

4 Hk 1MH$

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^ t T ■ S'Jle " s[f]:

Answer:

Explanation:

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Answer Area

A screenshot of a computer Description automatically generated

Requirement: Verify that identity-based authentication over SMB is enabled

Go there to configure Identity-based authentication (Active Directory) for Azure file shares.

Ref: https://learn.microsoft.com/en-us/azure/storage/files/storage-files-active-directory-overview

HOTSPOT

You have an Azure subscription that contains an Azure key vault and an Azure SQL database named SQL1.

You generate a key named Key1.

You need to enable Transparent Data Encryption (TDE) for SQL1 by using Key1.

Which two settings should you modify for Key1? To answer, select the appropriate settings in the answer area.

NOTE: Each correct selection is worth one point.

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0 Mr ■ o;on DtV'^1^ mi leii 1

Pita iHintqanwni

- &H;-F":(k IIW»

2. Share access signature
Requirement: Only grant users access to contoso2023 in the year 2023

Question: 409

HOTSPOT

You have an Azure Storage account that contains a blob container named container! and a client application named App1. You need to enable App1 access to container1 by using Microsoft Entra authentication. What should you do? lo answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

Answer:

Explanation:

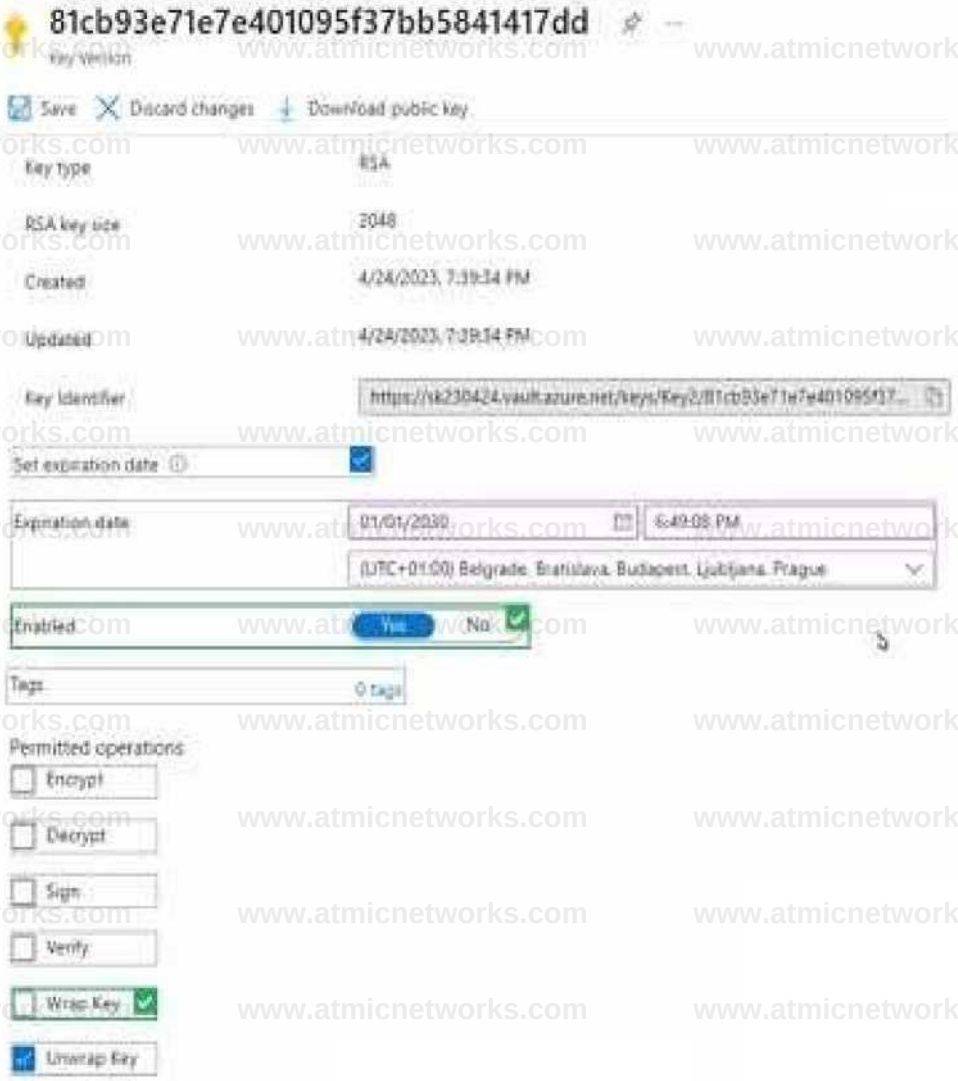
Answer Arts

From Microsoft Entra: Register App1 ^

From the storage account: Configure Access control (1AM).

Question: 410

Answer Area



Answer:

Explanation:

Anvwr Affs

Bkb93e71e7e4010 9 5f3 7bb564!417dd iff 'I'wibin

J#M X O*wd cMnjii 4 OoM4»d tvbR l*y

UfT>p« *5*

KA^tae* aw

UM. tftf&niKlrt

UptM 4M«IOB • J? H w

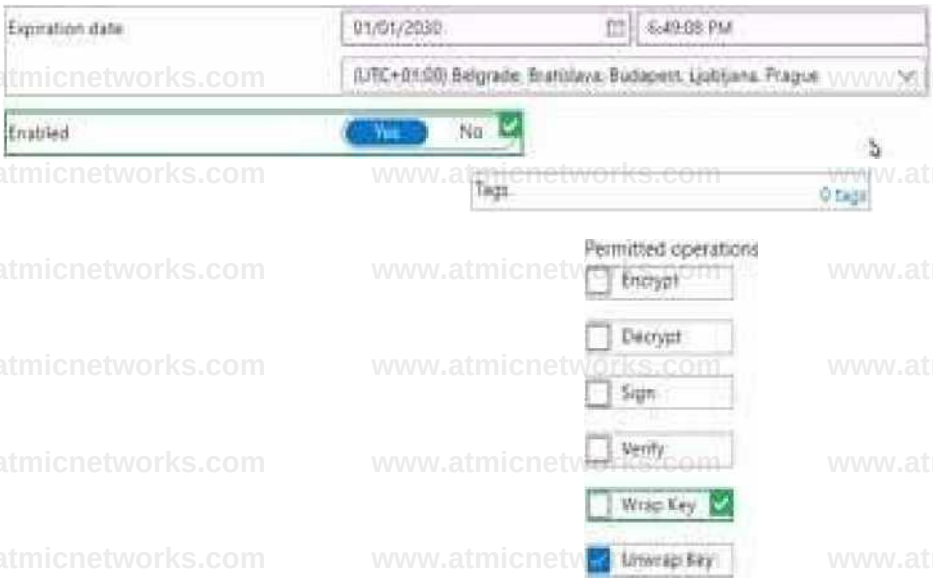
tfT lint h.r

httpRjIlh'TIUdL^k.^ir.ntLIR^'&^'nrrt^

'•

ilfbC-jr.-iririjrj! ■

3



Question: 411

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

Name	Operating system
VM1	Windows Server 2019
VM2	Windows Server 2022
VM3	Server Core installation of Windows Server 2022
VM4	Windows Server 2022 configured with an AppLocker policy

You are configuring Microsoft Defender for Servers.

You plan to enable adaptive application controls to create an allowlist of known-safe apps on the virtual machines. Which virtual machines support the use of adaptive application controls?

A. VM1 and VM2 only

B. VM2 and VM4 only

C. VM2 and VM3 only

D. VM1, VM2, VM3, and VM4

Answer: D

Explanation:

Question: 412

You have an Azure subscription named Sub1 that has Security defaults disabled. The subscription contains the following users:

- Five users that have owner permissions for Sub1.
- Ten users that have owner permissions for Azure resources.

None of the users have multi-factor authentication (MFA) enabled.

Sub1 has the secure score as shown in the Secure Score exhibit. (Click the Secure Score tab.)

You plan to enable MFA for the following users:

- Five users that have owner permissions for Sub1.
- Five users that have owner permissions for Azure resources.

By how many points will the secure score increase after you perform the planned changes?

A. 0
B. 5
C. 7.5
D. 10
E. 14

Answer: C

Explanation:

Question: 413

HOTSPOT

You have a Microsoft Entra tenant named contoso.com.

You collaborate with a partner organization that has a Microsoft Entra tenant named fabrikam.com.

Fabrikam.com has multi-factor authentication (MFA) enabled for all users.

Contoso.com has the Cross-tenant access settings configured as shown in the Cross-tenant access settings exhibit. (Click the Cross-tenant access settings:

Inbound access settings

& Edit inbound defaults

Type	Applies to	Status
B28 collaboration	External users and groups	All allowed
B2B collaboration	Applications	All allowed
B2B direct connect	External users and groups	All blocked
B2B direct connect	Applications	All blocked
Trust settings	N/A	Disabled

Outbound access settings

^ Edit outbound defaults

Type	Applies to	Status
B2B collaboration	Users and groups	All allowed
B28 collaboration	External applications	All allowed
B2B direct connect	Users and groups	All blocked
B2B direct connect	External applications	All blocked

Contoso.com has the External collaboration settings configured as shown in the External collaboration settings exhibit. (Click the External collaboration settings tab.)

Guest user access

Guest user access restrictions 0

Leain more

0 Guest users have the same access as members (most inclusive)

Q Guest users have limited access to properties and memberships of directory objects

(•) Guest user access is restricted to properties and memberships of their own directory objects (most restrictive)

You create a Conditional Access policy that has the following settings:

- Name: CAPolicy1

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- Assignments

o Guest or external users: B2B collaboration guest users

o Target resources

- Include: All cloud apps o Access controls
- Grant access
- Require device to be marked as compliant
- Require multi-factor authentication
- Enable policy: On

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

NOTE: Each correct section is worth one point.

Answer Area

Statements	Yes	No
Users with devices that have a compliant device claim from fabrikam.com will be granted access to the cloud apps in contoso.com.		
To minimize the number of MFA authentication prompts for the users in fabtikam.com, you must configure the Trust settings.	O	O
Users with devices that have a compliant device claim from fabnkam.com can review the user properties of the users in contoso.com.	O	Q

Answer:

Explanation:

Answer Area

Statements	Yes	No
Users with devices that have a compliant device claim from fabtikam.com will be granted ® access to the cloud apps in contoso.com.		
To minimize the number of MFA authentication prompts for the users in fabtikam.com, you must configure the Trust settings.	O	®
Users with devices that have a compliant device claim from fabnkam.com can review the user properties of the users in contoso.com	O	®

Question: 414

HOTSPOT

Your network contains an on-premises Active Directory domain named adatum.com that syncs to a Microsoft Entra tenant.

The Microsoft Entra tenant contains the users shown in the following table.

Name	On premises sync enabled	Password
Userl	No	Adatumt23
User?	No	N3w3rT0GueB
User}	Yes	Complex Pass word3 3

You configure the Microsoft Entra Password Protection settings for adatum.com as shown in the

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following exhibit.

Custom smart lockout

Lockout threshold 0 10

Lockout duration in seconds O 60

Custom banned passwords

Enforce custom list o Yes **No**

Adatum

Custom banned password list o

Password protection for Windows Server Active Directory

Enable password protection on Windows Server Active Directory o ^K3^B No

Mode o Enforced Audit

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
Userl will be prompted to change the password on the next sign-in.	O	O
User2 can change the password to @d@tum C0mpleX123	O	O
User3 can change the password to Adatum123l.	0	

Answer:

Explanation:

Answer Area Statements	Yes	No
Userl will be prompted to change the password on the next sign-in.	O	®
User2 can change the password to @d@tum_C0mpleX123.	O	®
User3 can change the password to Adatum123l.	®	

Question: 415

You have a Microsoft Entra tenant that contains three users named User1, User2, and User3.

You configure Microsoft Entra Password Protection as shown in the following exhibit.

0 Save X Discard

Custom smart lockout

Lockout threshold 0 10

lockout duration m seconds 0 60

Custom banned passwords

Enforce custom fest 0 Yes No

Custom banned password W C

Contoso

Product

PatnUm

Password protection for Windows Server Active Directory

Enable password protection on Windows ' VM NO

Server Active Directory Q

M0dt 0

The users perform the following tasks:

- User1 attempts to reset her password to COntOsO
- User2 attempts to reset her password to F@brikamHQ
- User3 attempts to reset her password to PrOduct123.

Which password reset attempts fail?

A. User1 only

B. User2only

C. User3 only

D. User1 and User3 only

E. User1, User2, and User3

Answer: E

Explanation:

Question: 416

You have an Azure subscription that contains an Azure key vault named Vault1 and a virtual machine named VM1. VM1 has the Key Vault VM extension installed.

For Vault1, you rotate the keys, secrets, and certificates.

What will be updated automatically on VM1?

A. the keys only
B. the secrets only
C. the certificates only
D. the keys and secrets only
E. the secrets and certificates only
F. the keys, secrets, and certificates

Answer: C

Explanation:

Question: 417

HOTSPOT

You have an Azure subscription.

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

Name	Size	Operating system
VM1	DC4ads_v5	Windows Server 2022 Datacenter. Azure Edition
VM2	D2ads_v5	Windows Server 2022 Standard
VM3	EC4ads_v5	Windows Server 2019 Datacenter
VM4	D2ads_v5	Debian
VM5	EC4ad$ v5	Ubuntu Server
VM6	DC4ads v5	SUSE Linux Enterprise Server

You need to identify the virtual machines and operating systems that can be deployed as confidential virtual machines?

Which Windows virtual machines and which Linux virtual machines should you identify?

Answer Area

Windows: VMI only
VMI on y
VM3 only
VM1 and VM2 only
VM1 and VM3 only
VM1. VM2 and VM3

Linux: VM<VMSandVM6
VM5 only
VM6 only
VM4 and VM6 only
VM5 and VM6 only
VM4 VMS and VM6

Answer:

Explanation:

Answer Area

Windows: VM1 only

Linux: VM4, VM5 and VM6

Question: 418

You have a Microsoft Entra tenant that uses Microsoft Entra Permissions Management and contains the accounts shown in the following table:

Name	Role
Admin1	Global Administrator
Admin2	Privileged Role Administrator
Admin3	Privileged Authentication Administrator
Admin4	Exchange Administrator

Which accounts will be listed as assigned to highly privileged roles on the Azure AD insights tab in the Entra Permissions Management portal?

A. Admin1 only
B. Admin2 and Admin3 only
C. Admin2 and Admin4 only
D. Admin1. Admin2, and Admin3 only
E. Admin2. Admin3, and Admin4 only
F. Admin1. Admin2, Admin3. and Admin4

Answer: D

Explanation:

Question: 419

HOTSPOT

You have a Microsoft Entra tenant that contains the users shown in the following table.

Name	Member of
Used	Group i
Useri	Group' Group2
User Ei	Groups

You configure a Conditional Access policy that has the following settings:

- Name: CAPolicy1
- Assignments

o Users or workload identities: Group1

o Target resources: All cloud apps

- Access controls

o Grant access: Require multifactor authentication

From Microsoft Authenticator settings for the tenant, the Enable and Target settings are configured as shown in the Enable and Target exhibit. (Click the Enable and Target tab.)

Enable and Target Configure

Enable

Include Exclude

Target (J All users • i Select groups

Add groups

Name Type

Groupl Group

Registration Authentication mode

i Passwordless V X

From Microsoft Authenticator settings for the tenant, the Configure settings are configured as shown in the Configure exhibit. (Click the Configure tab.)

Enable and Target Configure

Note: Users must be included as part of the Microsoft Authenticator targeted groups under the Enable and Target tab.

GENERAL

Allow use of Microsoft Authenticator OTP (Yes

Require number matching for push notifications

Note: If the feature status is set to Microsoft-managed, it will be enabled by Microsoft at an appropriate time after the preview. Learn more

Status | Enabled v

Target Include Exclude

Q All users

(•) Select group

Add selected group

Include target

Group? X

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
Userl is required to use number matching during sign-in, 0		
User? is required to use number matching curing sign-in.		
User? is required to use number matching during sign-in.		

Answer:

Explanation:

Answer Area

Statements	Yes	No
User) is required to use number matching during sign-in.	0	'•■
User? is required to use number matching during sign-in.		
User3 is required to use number matching during sign-in.	•	

Question: 420

You have an Azure subscription. The subscription contains a virtual network named VNet1 that contains the subnets shown in the following table.

Name	Associated network security group{NSG)
Subnet!	NSG1
Subnets	NSG1
Subnets	NSG1
5ubnel4	NSG1

The subscription contains the function apps shown in the following table.

Name	Description
Appt	Uses the Azure Functions Premium plan and has virtual network integration with VNetl/Subnet!
App^	Uses an App Service plan in the Basic pricing tier and has virtual network integration with VNet i/Subnet2
App:	Uses an App Service plan in the Premium pricing tier and has virtual network integration with VNet!/Subnet3
App4	Uses an App Service plan in the Isolated pricing tier and is deployed to VNet1/Subnet4

The outbound traffic of which app is controlled by using NSG1?

A. App4 only

B. App3 and App4 only

C. App2, App3, and App4 only

D. App1, App2, App3, andApp4

Answer: D

Explanation:

Question: 421

You have an Azure subscription that contains an Azure Kubernetes Service (AKS) cluster named AKS1.

You have an Azure container registry that stores container images that were deployed by using Azure DevOps Microsoft-hosted agents.

You need to ensure that administrators can access AKS1 only from specific networks. The solution must minimize administrative effort.

What should you configure for AKS1?

A. an Application Gateway Ingress Controller (AGIC)

B. a private cluster

C. authorized IP address ranges

D. a private endpoint

Answer: C

Explanation:

Question: 422

HOTSPOT

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	10.7,04	51.144.245.152	VNET1/Default
VM2	10.8,0.4	104 4 5.9.22 7	VNET2/Defeult

You enable the Azure Disk Encryption for volume encryption KeyVault1 setting.

KeyVault1 is configured as shown in the following exhibit.

Allow access from: All networks • Selected networks

0 Configure network access control for your key vault, earn More

Virtual networks: O Add existing virtual networks Add new virtual network

VIRTUAL NETWORK	SUBNET	RESOURCE GROUP	SUBSCRIPTION
VNET1	default	RG1	

Firewall: O

IPV4 ADDRESS OR ODR
| IPv4 address or *CIDR*

Exception;

Allow trusted Microsoft services to bypass (• Yes No

this firewall? O 0 Ths setting is related to firewall only. In order to access this key vault, the trusted service must also be given explicit permissions in the Access policies section.

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, users can manage the keys and secrets stored in KeyVaultL ?	.	
From VM2. users can manage the keys and secrets stored in KeyVaultL		
VM2 can use KeyVaultl for Azure Disk Encryption.	L	O

Answer:

Explanation:

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Answer Area

Statements	Yes	No
From VM1 r users can manage the keys and secrets stored in KeyVault 1.	■'	
From VM2, users can manage the keys and secrets stored in KeyVaultl,	•	
VM2 can use KeyVaultl for Azure Disk Encryption.	»	O

Question: 423

HOTSPOT

You have an Azure subscription.

You plan to deploy a virtual machine named VM1.

You need to use confidential disk encryption on VM1.

Which virtual machine series should you use for VM1, and which type of disks can be encrypted by using confidential disk encryption? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

Answer Area

Virtual machine series: ECasvS *

Ddsv5
ECasv5
Lsv2
NVadsA10v5

Disks: The OS disk and data disks

Data disks only The OS disk only

The OS disk and data disks

Answer:

Explanation:

Answer Area

Virtual machine series: ECasv5 *

Disks: The OS disk and data disks

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Question: 424

You have an Azure subscription that contains a virtual network named VNet1. The subscription contains an Azure App Service web app named App1.

You have an Azure Front Door profile named AFD1 that has an Azure Web Application Firewall (WAF) policy.

You need to ensure that all inbound traffic to App1 is filtered through AFD1.

What should you do?

A. For VNet1, configure network security group (NSG) rules.
B. For App1, configure the HTTP headers filter settings.
C. For App1, enable virtual network integration.
D. Configure Microsoft Entra application proxy.

Answer: B

Explanation:

Question: 425

You have an Azure subscription that contains a managed identity named Identity1 and the Azure key vaults shown in the following table.

Name	P-imissian model
Ifey Vault 1	VauH access poky
KeyVaultl	Azure role-based access control [Azure RBc<

Key Vault1 contains an access policy that grants Identity1 the following key permissions:

- Get
- List
- Wrap
- Unwrap

You need to provide Identity1 with the same permissions for KeyVault2. The solution must use the principle of least privilege.

Which role should you assign to Identity1?

A. Key Vault Crypto Service Encryption User
B. Key Vault Crypto User
C. Key Vault Reader
D. Key Vault Crypto Officer

Answer: D

Explanation:

Question: 426

You have an Azure subscription named Subscription1 that is linked to a Microsoft Entra tenant named contoso.com and a resource group named RG1.

You create a custom role named Role1 in contoso.com.

Where can you use Role1 for permission delegation?

A. contoso.com only
B. contoso.com and RG1 only

C. contoso.com and Subscription 1 only

D. contoso.com. RG1. and Subscription1

Answer: D

Explanation:

Question: 427

You have an Azure subscription that contains a SQL Server on Azure Virtual Machines instance named E. t1 and a Microsoft Sentinel workspace named Sentinel1.

You need to monitor security incidents on SQL1 by using Sentinel1.

What should you do first?

A. On SQL1, enable SQL1 Server audit.

B. On SQL1. install the Connected Machine agent for Azure Arc-enabled servers.

C. From the Azure portal, create a Log Analytics workspace.

D. From Sentinel1, enable VM insights.

Answer: A

Explanation:

Question: 428

You have an Azure subscription that contains an Azure App Service app named App1, an Azure container instance named AC1. and a storage account named storage1. AC1 hosts an app named App2.

Users send requests to App1 by using a URL of https:/app1.contoso.com/echo/resource-cache? param1 =sample.

App1 calls App2. which retrieves data from storage1.

You need to ensure that a security alert will be generated when connections are detected from anomalous IP addresses. Which Microsoft Defender for Cloud service should you use?

A. Microsoft Defender for App Service

B. Microsoft Defender for APIs

C. Microsoft Defender for Storage

D. Microsoft Defender for Containers

Answer: B

Explanation:

Question: 429

HOTSPOT

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

Name	Ideation	Peered with
Wetl	E ast US	VN^
Wt2	Wes! US	VNetl

The subscription contains the subnets shown in the following table.

Name	IP address spate	Virtual network	Description
Subnetl 1	10,11.0/24	VNetl	Contains a virtual machine named VM1
Subnetl?	17216.1,0/27	VNe(1	Contains n * resources
Subnet? 1	192168100/24	VNet2	Contains an integrated Azure web app named WebAppl

You plan to create an Azure web app named WebApp2 that will have the following configurations:

- Region: East US
- VNet integration: Enabled
- Scale out; Autoscale to up to 10 instances

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

WebApp2 can be integrated with Subnetl 1.

WebApp2 can be integrated with Subnetl 2.

WebApp2 can be integrated with Subnet21.

Answer:

Explanation:

Answer Area

Statements

WebApp2 can be integrated with Subnetl 1.

WebAppi can be integrated with Subnetl2

WebAppi can be integrated with Subnets

Question: 430

HOTSPOT

Your on-premises network contains an Active Directory Domain Services (AD DS) domain and the devices shown in the following table.

You have a hybrid Microsoft Entra tenant that contains a synced user named User1.

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

Used is assigned the Storage File Data SMB Share Contributor role tor storage1 and storage2.

The Security settings for Share! are configured as shown in the following exhibit.

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Security

X

I'fOBMi WU'X))

Azure ^<4e expose wtlingj that id you logz^ to 5ME protocol t: &■ nwre wmprttf» .■ more secure depending on yu-m wgarcatiani rKuirenwnts. Rsstnoung tost lettings m*y prwtrt some chtnb fromtwing able to corwwct L»>n"■ - • *.

Previl

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£M3 tonnd tnctypttm

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■ AEV12&CCM

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■ **AES-256GCM**

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Q **VTLM v2 Q Kettles**

Q - . < . !■–■ ■ . r

Q Fat-THjrt "irti^!*[1] pntuppartfhi p>dta£^i*H- gi'^ >• [L] J-smi ut L2 " •■

Mid iUftjCfLUojM.

Th- i^Ful, setlmns +nr ' "i -■ IFF cr.nfiq'irei ■* ■.^n^n n (HF [J], J -.winq -xi. brt

Security

X

Arure =des Op^es ^: tot W yOU togglt to SMB ptOkccI to M mOhe CtmpWifcde « **more secure depending on yOyr or jartssaiitri s rHQdiremenft. Rellftfling these svttinoi may** p^etfj me chlTO Ircm b^.rg at^to ronnac* j-n m.-rs

Profile

CurtCMTI

SMB protocol versions

J SMB 2 t

tME „■ .rr-T [7]- . ■ I

Nana

M ..7 . ■ - 7 . - -1 /

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
Userl tan mount than! to Servers by providing a storage access key.	0	0
Userl can mount share" to Devicel by using their Microsoft Entra identity		
Userl can mount share? to Served by using their AD DS identity,	0	0

Answer:

Explanation:

Answer Area

Statements	Yes	No
Userl can mount sharel to Server? by providing a storage access key,	•	0
Userl can mount share' to Devicel by using their Microsoft Entra identity	•	
Userl can mount share? to Served by using their AD 05 identity,	*	

Question: 431

HOTSPOT

You have a Microsoft Entra tenant that contains the users shown in the following table.

Name	Member of
Userl	Groupl
User2	Group2
User3	Groupl, Group2

All the users have devices that contain certificates issued by a certification authority (CA) named ContosoCA. You create a Conditional Access policy that has the following settings:

- Name: CAPoltcy1
- Assignments

o Users and groups: Group1

o Target resources

- Include: All cloud apps

o Access controls

* Grant access: Require multi-factor authentication

o Enable policy: On

You enable and target certificate-based authentication as shown in the Enable and Target exhibit. (Click the Enable and Target tab.)

Enable and Target Configure

Enable 0

Include Exclude

Target <) All users • Select groups

Add groups

Name	Type	Registration
Groupl	Group	

You configure certificate-based authentication as shown in the Configure exhibit. (Click the Configure tab.)

Enable and Target Configure

Authentication binding

Select the default protection level for all certificate bindings. To override the default create special rules.

Protection Level 3 Multi-factor authentication

Add rule

Rule type	Identifier	Protection Level
Certificate issuer	CN=ContosoCA DC=contoso. DC=com	Single-factor authentication

Username binding

Select user attribute to create binding. The first certificate field has the highest pnonty in the username bind

Certificate field	User attribute
Q PnncipalName	| userPnncipalName xz ••
o RFC822Name	userPnncipalName xz •••
Q SubjectKeyIdentrfier	certrficateUserids v | «»•
' SHAIPublicKey	Select user attribute v •••

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
Useil can sign in without providing a password		
User2 can choose to use a certificate 01 a smart card to sign in.	0	
User 3 must use a certificate during sign in	0	o

Answer:

Explanation:

Answer Area

Statements	Yes	N o
Used can sign in without providing a password		
User2 can choose to use a certificate or a smart card to sign in.	0	•
User? must use a certificate during sign m	•	o

Question: 432

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

Name	Type
VM1	Virtual machine
VNetl	Virtual network
AFW1	Azure firewall

You need to configure AFW1 to only allow traffic from VM1 to storage accounts in the West US Azure region. The solution must minimize administrative effort.

What should you configure?

A. a DNAT rule
B. a network rule
C. an SNAT private IP address range
D. an application rule

Answer: B

Explanation:

Question: 433

HOTSPOT

You have a Microsoft Entra tenant named contoso.com. The tenant contains the users shown in the

following table.

Name	Role	Sign in frequency
User l	Password Administrator	Signs in every work day
User?	Password Administrator	Signs in bi-weekly
User!	Global Administrator, Password Administrator	Signs in every month

You configure an access review named Review1 as shown in the following exhibit Dates in the exhibit are in the MM/DD/YYYY format.

Review name Review1

Description i.

Start date 11/12/2020

Frequency One time

1

End date * 12/12/2020 a

Users

Scope * E

Review role membership (permanent and eligible)

Password Admmis

Reviewers

/en Members (self)

Upon completion settings

Auto apply results to resource 0 Enable C2E3p

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.

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Answer Area

User} can perform Reviewl for [answer choice]

User 3 only
User 3 only
Used and User2 only
Useri, User2, and User?

If User? fails to complete Reviewl by December 12,2020, (answer choice]

User3 will receive a confirmation request
the Password administrator role will be revoked from User?
User2 will tetain the Password administrator role
User3 will receive a confirmation request

Answer:

Explanation:

Answer Area

User3 can perform Review1 for [answer choice]. User3 only

If User2 fails to complete Review1 by December 12, 2020, [answer choice]. User3 will receive a confirmation request

Question: 434

You have an Azure subscription that contains an Azure App Services web app named WebApp1 and an Azure key vault named Vault1. Vault1 has the certificates shown in the following table.

Name	Content type	Key type	Key size
Certl	PKCSS12	[RSA	2048
Celt?	PKTS #12	RSA	4096]
Cert3	PEM	RSA	2048
i - -	PEM	RSA	4096

You plan to implement TLS for WebApp1.

You need to add a certificate to WebApp1.

Which certificates from Vault1 can you add to WebApp1?

A. Cert1 and Cert2 only
B. Cert1 and Cert3 only
C. Cert3 and Cert4 only
D. Cert1, Cert2, Cert3, and Cert4

Answer: A

Explanation:

Question: 435

You have an on-premises datacenter that contains multiple servers.

You have an Azure subscription.

You plan to onboard the on-premises servers to Microsoft Defender for Cloud by using a script.

You need to create an identity to enable the script to run without prompting for Microsoft Entra credentials.

Which type of identity should you create?

A. user account
B. user-assigned managed identity
C. system-assigned managed identity
D. group account
E. service principal

Answer: E

Explanation:

Question: 436

You have an Azure subscription.

You need to ensure that you receive notifications regarding suspicious Azure DNS activity. Which Microsoft Defender plan for Cloud Workload Protection (CWP) should you enable? A. Storage

B. Servers
C. App Service
D. APIs
E. Resource Manager

Answer: B

Explanation:

Question: 437

HOTSPOT

You have an Azure subscription.

You configure Microsoft Sentinel to use multiple data sources.

You need to create analytic rules that meet the following requirements:

* Rule 1: Automatically match Common Event Format (CEF) logs and syslog data with domain, IP address, and URL indicators.

* Rule 2: Use Microsoft proprietary algorithms.

Which type of detection should you use for each rule? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Rulel Threat intelligence
Fusion
Machine learning (ML) behavioral analytics
Microsoft Security
Threat intelligence

Rule2: Machine learning (ML) behavioral analytics Fusion
Machine learning (ML) behavioral analytics
Microsoft Security
Threat intelligence

Answer:

Explanation:

Answer Area

Rule! Threat intelligence

Rule2: Machine learning (ML) behavioral analytics

Question: 438

You have an Azure subscription.

You plan to deploy an Azure SQL managed instance named AzSQL1.

You need to recommend an encryption solution for AzSQL1.

The solution must meet the following requirements:

* The database engine must be prevented from performing key provisioning, data encryption, and decryption operations.

* Database administrators must be prevented from viewing the encrypted data in plain text.

What should you include in the recommendation?

A. Azure Disk Encryption

B. TLS

C. Transparent Data Encryption (TDE) with customer-managed keys

D. Always Encrypted

E. Transparent Data Encryption (TDE) with Microsoft-managed keys

Answer: D

Explanation:

Question: 439

HOTSPOT

You have an Azure subscription that contains an Azure firewall named AzFW1. AzFW1 has a firewall policy named FWPolicy1. You need to add rule collections to FWPolicy1 to meet the following requirements:

- Allow traffic based on the FQDN of the destination.
- Allow TCP traffic.

Which types of rule collections should you add for each requirement? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Allow traffic based on the destination FQDN: Application only

Network only

Application only

Network or DNAT only Application or DNAT only Network or application only

Network, application, or DNAT

Allow TCP traffic Netwoi k only

Network only Application only

Network or DNAT only

Application or DNAT onf

Network or application only

Network, application, or DNAT

Answer:

Explanation:

Answer Area

Allow traffic based on the destination FQDN: Application only ˅

Allow TCP traffic: Network only ˅

Question: 440

HOTSPOT

You have two Azure subscriptions named Sub1 and Sub2 that contain the virtual networks shown in the following table.

Name	Subscription	Location	Subnet
VNet!	Subl	East US	Subnet!
VNetZ	Sub?	East US	Subnet?
VNet!	Sub!	West US	Subnet!

You have an Azure Virtual Network Manager instance that has the following settings:

- Name: NetMgr1
- Region: East US
- Features: Connectivity
- Management scope: Sub1

For NetMgr1, you create the target network groups shown in the following table.

Name	Member type	Group member
Group1	Virtual network	VNet1
Group2	Virtual network	None
Group3	Subnet	None

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
You can add VNetl to Group?.	■	O
You can add VNet? to Groupl.	O	
You can add Subnets to Group3.	O	0

Answer:

Explanation:

Answer Area

Statements	Yes	No
You can add VNetl to Group?.	•	O
You can add VNet? to Groupl.	O	#
You can add Subnets to Groups.	9	0

Question: 441

HOTSPOT

You have an Azure subscription that is linked to a Microsoft Entra tenant. The tenant uses Microsoft Entra ID Protection.

You have 2,000 users that are each assigned a Microsoft Entra ID P2 license.

You plan to use Azure Monitor to generate an alert when a workload identity that is using leaked credentials is detected.

You need to configure the Diagnostic setting to support the planned alert. The solution must minimize administrative effort.

Which log category should you collect, and to

which destination should you send the logs? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Log category: ServicePrincipalRiskEvents

RiskyServicePrincipals Ri skyUsers

ServicePrincipalRiskEvents

UserRiskEvents

Destination: IA Log Analytics workspace An Azure event hub

A Log Analytics workspace

A storage account

Answer:

Explanation:

Answer Area

Log category: ServicePrincipalRiskEvents

Destination: A Log Analytics workspace

Question: 442

HOTSPOT

You have an Azure App Service web app named App1 as shown in the following exhibit.

z.s Virtual Network Integration

*SP d»moappa789577SS7336group 84c7

App Service Plan	ASP-demoapp87895775«7336group84d2
App Service Plan location	East US
Regional VNet integrations	1/2
Gateway required VNet integrations	0/5
VNet NAME T	GATEWAY STATUS U
vnetl/sutxiet?	N/A

Subnet 2 contains a virtual machine named VM1.

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 Area

To deny outbound access, configure [answer choice] on Subnet2.

a network security group (NSG)
a network security group (NSG)
a service endpoint
an application security group

To connect to a virtual network in a different region, configure [answer choice].

Gateway-required VNet integrations
an Azure NAT Gateway integration
Gateway-required VNet integrations
Regional VNet integrations

Answer:

Explanation:

Answer Area

To deny outbound access, configure [answer choice] on Subnets, a network security group (NSG)

To connect to a virtual network in a different region, configure [answer choice] Gateway-required VNet integrations

Question: 443

You have an Azure subscription that contains an Azure App Services web app named WebApp1.

WebApp1 is accessed by users in multiple Azure regions.

You need to secure access to WebApp1. The solution must meet the following requirements:

* Protect against common web vulnerabilities.
* Optimize the routing of traffic from different regions.

What should you use?

A. Azure Application Gateway
B. Azure Content Delivery Network (CDN)
C. Azure Firewall
D. Azure Front Door Premium

Answer: D

Explanation:

Question: 444

You have an Azure subscription that contains a key vault and an Azure SQL server.

You need to deploy an Azure SQL database that uses Transparent Data Encryption (TDE) and a customer-managed key.

What should you create before you deploy the database?

A. An app registration
B. A standard general-purpose v2 storage account
C. A user-assigned managed identity
D. A user account that is assigned the SQL Security Manager role

Answer: C

Explanation:

Question: 445

HOTSPOT

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

Name	Type
	?ar,d?rc
Polini	Premium

The subscription contains the firewalls shown in the following table.

Name	Tier	Hfcy
rwi	Premium	Palsy?
FW2	Premium	Policy 1

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

Name	Firewall
VNetl	
VNet2	FW2
VNeti	Mase

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
You can use URL filtering on the network rules for VNetl		
You can use an intrusion detection and prevention system OOPS) to monitor malicious activity on VNel2		
If you configure peering between VNetl and VNetl, encrypted outbound traffic from VNetl will be Inspected.		

Answer:

Explanation:

Answer Area

Statements	Yes	No
You can use URL filtering on the network rules for VNetl	O	IF
You can use an intrusion detection and prevention system (IDPS) to monitor malicious activity on VNetl	•	
If you configure peering between VNetl and VNetl. encrypted outbound traffic from VNetl 0 will be inspected.		®

Question: 446

You have an Azure subscription that contains an Azure key vault named Vault1 and a virtual machine named VM1. VM1 is connected to a virtual network named VNet1.

You need to allow access to Vault1 only from VM1.

What should you do in the Networking settings of Vault1?

A. From the Firewalls and virtual networks tab, set Allow trusted Microsoft services to bypass this firewall to Yes for Vault1.

B. From the Firewalls and virtual networks tab, add the IP address of VM1.

C. From the Firewalls and virtual networks tab, add VNet1.

D. From the Private endpoint connections tab, create a private endpoint for VM1.

Answer: D

Explanation:

Question: 447

You have two Azure subscriptions named Sub1 and Sub2 that contain the virtual networks shown in the following table.

Name	Subscriptian	Tag
VNetl	Subl	^Hf
VNetZ	Sub1	Red

You have an Azure Virtual Network Manager instance named AVNM1 that has the following configurations:

* Management scope: Sub1
* Network groups:
* NetGrp1: Static membership that includes VNet1
* NetGrp2: Dynamic membership that has the following criteria: Tags that contain Red
* Security admin rule collection: SARule1
* Deployed to all Azure regions

Nams	Subscription	Tig
VNet3	Subl	Red
VNet4	Sub!	Red

You create two new virtual networks as shown in the following table.

Which virtual networks will have SARule1 applied?

A. VNet1 and VNet2 only
B. VNet2 and VNet3 only
C. VNet1, VNet2, and VNet3 only
D. VNet2, VNet3, and VNet4 only
E. VNet1, VNet2, VNet3, and VNet4

Answer: C

Explanation:

Question: 448

You have an Azure subscription.

You plan to create a workflow automation in Microsoft Defender for Cloud that will automatically remediate a security vulnerability.

What should you create first?

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

Answer: E

Explanation:

Question: 449

HOTSPOT

You have a Microsoft Entra tenant named contoso.com that contains the users shown in the following table.

KB iti4	Role
Useri	^?i'c: cn Adm initiator
L5EF2	Apphcottoi Developef
UMfJ	A;u:t Pw?ih torr initial. I
UseM	SKwity Operator

You add enterprise applications to contoso.com as shown in the following table.

Name	Owner	U$ws and groups.
top'	Useri	U5ET4
*PP2	User4	Ltiec3

You need to Identify which users can grant admin consent for App1 and App2.

Answer Area

App1:

User1 only
User1 and User2 only
User1 and User3 only
User1, User2, and User3 only
User1, User2, User3, and User4

App2:

User1 only
User1 and User2 only
User1 and User4 only
User1, User2, and User4 only
User1, User2, User3, and User4

Answer:

Explanation:

Answer Area

App 1: User 1 and User3 only

App2: User 1 and User4 only

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Question: 450

HOTSPOT

You have an Azure subscription that is linked to a Microsoft Entra tenant named contoso.com. In contoso.com, you register an app named App1. You need to perform the following tasks for App1:

- Add and configure the Mobile and desktop applications platform.
- Add the ipaddr optional claim.

Which two settings should you select for App1? To answer, select the appropriate settings in the answer area.
NOTE; Each correct selection is worth one point.

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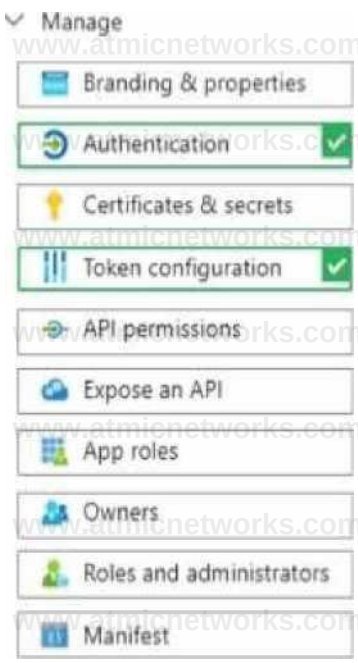
Answer Area



Answer:

Explanation:

Answer Area

Question: 451

You have a Microsoft Entra tenant that contains a user named User1.

You have an app registration named App1.

For App1, you create an app role named Role1.

You need to assign User1 to Role1.

What should you use in the Azure portal?

A. Roles and administrators for App1 from Enterprise applications
B. App roles for App1 from App registrations
C. Users and groups for App1 from Enterprise applications
D. API permissions for App1 from App registrations
E. Roles and administrators from the Microsoft Entra admin center

Answer: C

Explanation:

Question: 452

HOTSPOT

You have an on-premises server named Server1.

You have an Azure subscription that contains a Microsoft Sentinel workspace named Sentinel 1.

You install the Windows Firewall solution in Sentinel1.

You need to use Microsoft Sentinel to monitor Windows Defender Firewall on Server1.

What should you install on Server1, and what should you create in the Azure subscription? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Server!: The Azure Connected Machine agent
An Azure Pipelines agent
An on premises data gateway
The Azure Connected Machine agent
The Microsoft I ntta provisioning agent

Subscription: A data collection rule (DCR)
A data collection endpoint (DCE)
A data collection rule (DCR)
A private endpoint
An Azure Private Link service

Answer:

Explanation:

Answer Area

Server!: The Azure Connected Machine agent

Subscription: A data collection rule (DCR)

Question: 453

HOTSPOT

You have an Azure key vault named sk2311 configured as shown in the following exhibit.

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sk2311 | Properties ☆

Key vault

o Refresh

Name	sk23!1
Sku (Pricing tier)	Standard
Location	eastus
Vault URI	https://sk2311.vaultaiufe.net/ ©
Resource ID	/subscnptions/7fefd66e-8694-4bS4-beae-... ©
Subscription ID	7fefd66e-8694-4bS4-beae-17fd819d4873 S
Subscription Name	Visual Studio Enterprise Subscription
Directory ID	5 864e7 3 5-7190-4 615>b2aO-Ob2O6l5b7 5de S
Directory Name	Default Directory lb
Soft-delete	Soft delete has been enabled on this key vault
Days to retain deleted vaults	[W '
Purge protection	(•) Disable purge protection (allow key vault and objects to be purged during retention period) Q Enable purge protection (enforce a mandatory retention period for deleted vaults and vault objects)

Sk2311 contains the items shown in the following table.

Name	Type 1
Iteml	Key
Item 2	Secret
Policyl	Access policy

In sk2311, the following events occur in sequence:

- Item1 is deleted.
- Item2 and Policy1 ate 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.

Answer Area

Statements	Yes	No
You can recover Policy 1.		
You can add a new key named Iteml.		
You can recover ItemZ.	O	

Answer:

Explanation:

Answer Area

Statements	Yes	No
You can recover Policy 1.	O	•
You can add a new key named Item 1.	•	
You can recover ItemZ.	®	

Question: 454

You have an Azure subscription.

You plan to use Microsoft Defender for Cloud to provide AI security posture management capabilities.

You need to recommend a Defender for Cloud plan that supports the deployment requirements. The solution must minimize costs.

What should you recommend?

A. Microsoft Defender for App Service
B. Microsoft Defender for APIs
C. Foundational Cloud Security Posture Management (CSPM)
D. Defender Cloud Security Posture Management (CSPM)

Answer: C

Explanation:

Question: 455

HOTSPOT

You have an Azure subscription that uses Microsoft Defender for Cloud.

Defender for Cloud has the security alerts shown in the following exhibit.

0 3 Open alerts | v3 Active alerts | Oo In progress alerts | *1 Affected resources

Ip Search by ID. IP. name, or affecte... | Subscription xs All Status ■■ Active, Resolved, In Progress -

Answer Area

If you change the status of the alert that was triggered at 05:11 PM to Dismissed, [answer choice].

- the alert will no longer be visible
- the alert activity start time will change
- the alert severity will change to Low
- the alert will no longer be visible
- the status of all four alerts will change

The status of the alert that was triggered at 12:44 PM [answer choice].

- can be changed to Active, In Progress, or Dismissed
- can be changed to Active only
- can be changed to Active or Dismissed only
- can be changed to Active, In Progress, or Dismissed
- can be changed to In Progress or Dismissed only
- cannot be changed

Severity =- Low, Medium, High X ˆy Add filter

No grouping V

Severity t^	Alert name Tj,	Affected resource T	Resour... tj,	Activity start time I...	tj,	MITRE ATT&...	Status t;
Medium	9 Suspicious authentication activity	9 VM-4	RG9	01/29/24,05:11 PM	£	Pre-attack	Active
Medium	0 Suspicious authentication activity	U VM-4	RG9	12/02/23.11:39 PM	t>	Pre-attack	Active
Medium	9 Suspicious authentication activity	9 VM-4	RG9	12/02/23.11:18 PM	lb	Pre-attack	Active
Medium	9 Suspicious authentication activity	9 VM-4	RG9	12/01/23.12:44 PM	t>	Pre-attack	Resolved

Answer:

Explanation:

Answer Area

If you change the status of the alert that was triggered at 05:11 PM to Dismissed (answer choice]. — the alert will no longer be visible

The status of the alert that was triggered at 12:44 PM (answer choice] — can be changed to Active. In Progress, or Dismissed

Question: 456

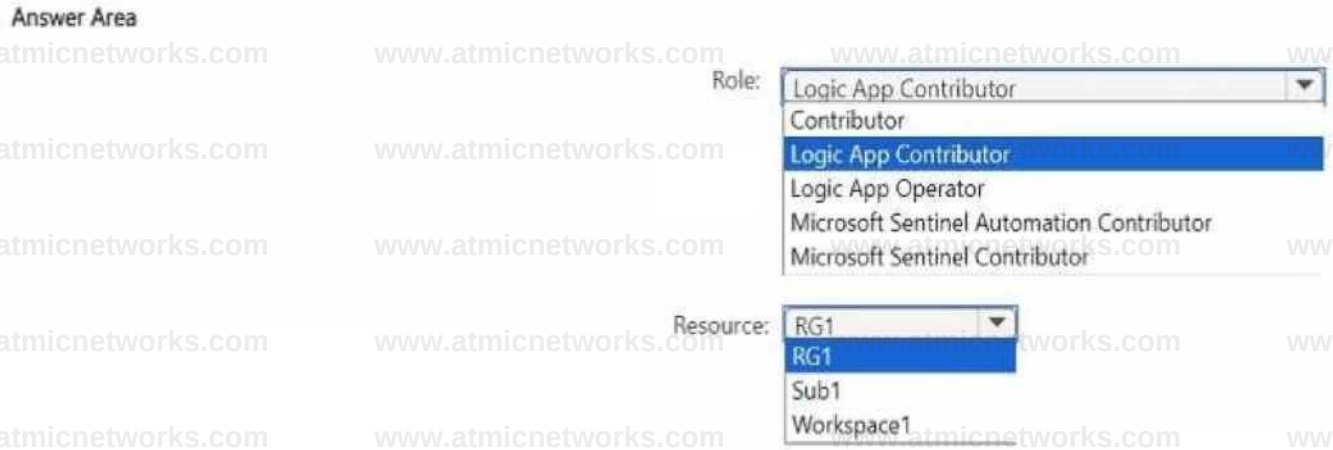
HOTSPOT

You have an Azure subscription named Sub1 and use Microsoft Defender for Cloud. Sub1 contains a user named User1 and a resource group named RG1. RG1 contains a Log Analytics workspace named Workspace1.

You need to ensure that User1 can modify Azure Logic Apps workflows triggered in response to security incidents. The solution must follow the principle of least privilege.

Which role should you assign to User1. and to which resource should you assign the role? To answer, select the appropriate options in the answer area.

NOTE; Each correct selection is worth one point.



Answer:

Explanation:

Question: 457

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

Name	Description
Appl	Azuie App Service app In a Premium plan
SQL1	Azure SQL managed instance
itoraqel	Azure Storage account
Function!	Azure functions function m a Consumption plan

App1 uses Function 1, SQL1, and storage 1.

You need to secure the traffic between App1, Function1, SQL1. and storage1, by using private endpoints.

With which resources can App1 communicate by using a private endpoint?

A. SQL1 only
B. storage1 only
C. Function1 only
D. SQL1 and storage1 only

E. storage1 and Function1 only
F. storage1, SQL1, and Function1

Answer: F

Explanation:

Question: 458

You have an Azure subscription that contains the Azure App Service apps shown in the following table.

Name	App Service plan
App1	Free
App?	Shared
App3	Bask
App4	Standard

You purchase custom SSL certificates from a trusted third-party authority.

To which apps can you assign the custom SSL certificates?

A. App4 only
B. App3 and App4 only
C. App2. App3. and App4 only
D. App1. App2, App3. and App4

Answer: B

Explanation:

Question: 459

You have an Azure subscription that contains an Azure SQL server named sqlsrv1 and an Azure SQL database named DB1. Sqlsrv1 is configured for Microsoft Entra authentication only.

You have the Microsoft Entra identities shown in the following table.

Name	Type	Description	Role for 0B1
Userl	User	Atone	db„owner
User?	User	Member of Groupl	Atone
UserS	User	Member of Group?	A/on^
Groupl	Group	User? and Group? are members	db.owner
Group?	Group	Member of Groupl	Atone

Which users can create scoped credentials for DB1?

A. User1 only
B. User1 and User2 only
C. User1, User2, and User3

Answer: C

Explanation:

Question: 460

HOTSPOT

Your company uses cloud-based resources from the following platforms:

- Azure
- Amazon Web Services (AWS)
- Google Cloud Platform (GCP)

You plan to implement Microsoft Defender for Cloud.

On which platforms can you use Defender for Cloud to protect containers and storage? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Containers: Azure, AWS, and GCP
Azure only
Azure and AWS only
Azure and GCP only

Storage: A/ui" only
Azure only
Azure and AWS only
Azure and GCP only

Answer:

Explanation:

Answer Area

Containers: Azure, AWS. and GCP

Storage: Azure only

Question: 461

HOTSPOT

You have an Azure subscription that contains a virtual network named VNet1. VNet1 contains the subnets shown in the following table.

Name	IP address space
Subnetl	10.10.0.0/24
Subnet?	172'6.0.0/24
Subnet^	192,16810.0/24

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

Name	Connected to
VM1	Subnetl
VM?	Subnet?
VM3	Subnet 5

VM3 contains a service that listens for connections on port 8080.

For VM1, you configure just-in-time (JIT) VM access as shown in the following exhibit.

Home > Just-in-time VM access >

JIT VM access configuration

VM1

-{■ Add M 3'. •■ X Discard

Configure the ports for which the ju$Vin-time VM access will be applicable

Port	Protocol	Allowed source IPs	IP range	Time range (hours)
3389	Any	CIDR	10.10.0.0/24 192.168.10.0/24	3 hours
8080	Any	Per request	N/A	5 hours

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
You can establish a Remote Desktop connection from VM1 to VMS for a maximum of three hours.	u	0
You can establish a Remote Desktop connection from VM2 to VM1 after requesting access.		
You can establish a Remote Desktop connection from VMS to VM1 without requesting access.		

Answer:

Explanation:

Answer Area

Statements
You can establish a Remote Desktop connection from VM1 to VM3 for a maximum of three hours.
You can establish a Remote Desktop connection from VM2 to VM1 after requesting access.

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Question: 462

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 that contains an Azure Kubernetes Service (AKS) cluster named AKS1 and an Azure container registry named AZCR1.

You need to ensure that AKS1 can deploy container images stored in AZCR1.

Solution: You assign the AcrPush role-based access control (RBAC) role to the system-assigned managed identity of AKS1.

Does this meet the requirement?

A. Yes

B. No

Answer: B

Explanation:

Question: 463

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 that contains an Azure Kubernetes Service (AKS) cluster named AKS1 and an Azure container registry named AZCR1.

You need to ensure that AKS1 can deploy container images stored in AZCR1.

Solution: You assign the Kubernetes Agentless Operator role to the system-assigned managed identity of the agent pool for AKS1.

Does this meet the requirement?

A. Yes

B. No

Answer: B

Explanation:

Question: 464

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 that contains an Azure Kubernetes Service (AKS) cluster named AKS1 and an Azure container registry named AZCR1.

You need to ensure that AKS1 can deploy container images stored in AZCR1.

Solution: You configure AKS1 to use a user-assigned managed identity and assign the Azure Kubernetes Service Cluster Admin Role to the managed identity.

Does this meet the requirement?

A. Yes

B. No

Answer: A

Explanation:

Question: 465

You have a Microsoft Entra tenant named contoso.com that contains a user named User1.

You register an app named App1 in contoso.com and create an app role named Role1.

You need to assign Role1 to User1.

What should you configure on the Enterprise applications blade of App1 in the Microsoft Entra admin center?

A. API permissions

B. App roles

C. Users and groups

D. Roles and administrators

Answer: C

Explanation:

Question: 466

You have an Azure subscription that uses Microsoft Defender.

You enable the CIS Microsoft Azure Foundations Benchmark v2.0.0 built-in to the subscription.

You need to ensure that when users attempt to assign custom role-based access control (RBAC) roles, they receive a custom error message that includes a link to an internal website. The solution must minimize the impact on other policies.

What should you configure?

A. the effect of the policy

B. the remediation task of the policy

C. a policy-specific non-compliance message

D. the default non-compliance message of the built-in

Answer: C

Explanation:

Question: 467

HOTSPOT

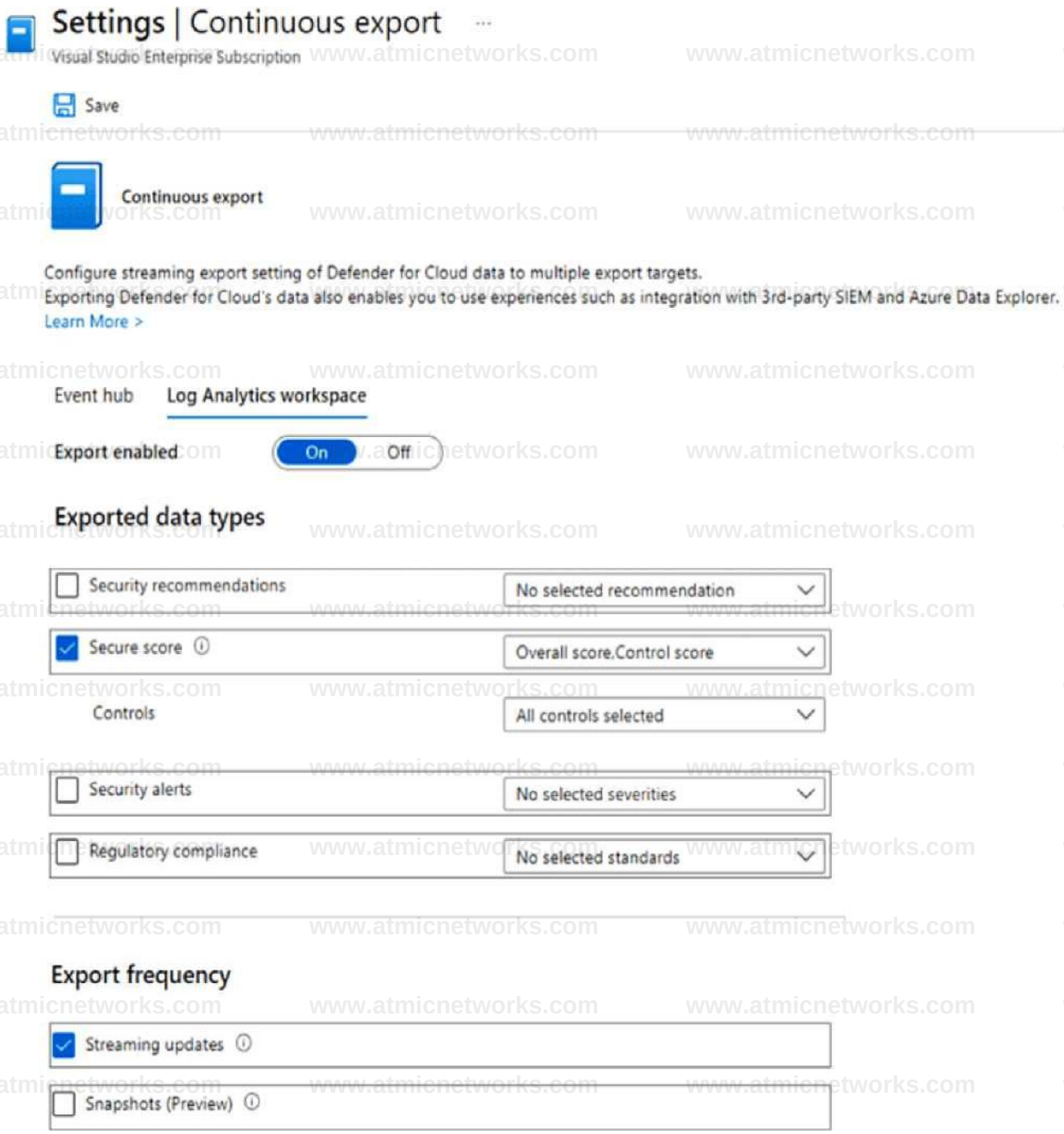
You have an Azure subscription that uses Microsoft Defender for Cloud.

You plan to use the Secure Score Over Time workbook.

You need to configure the Continuous export settings for the Defender for Cloud data.

Which two settings should you configure? To answer, select the appropriate settings in the answer area.

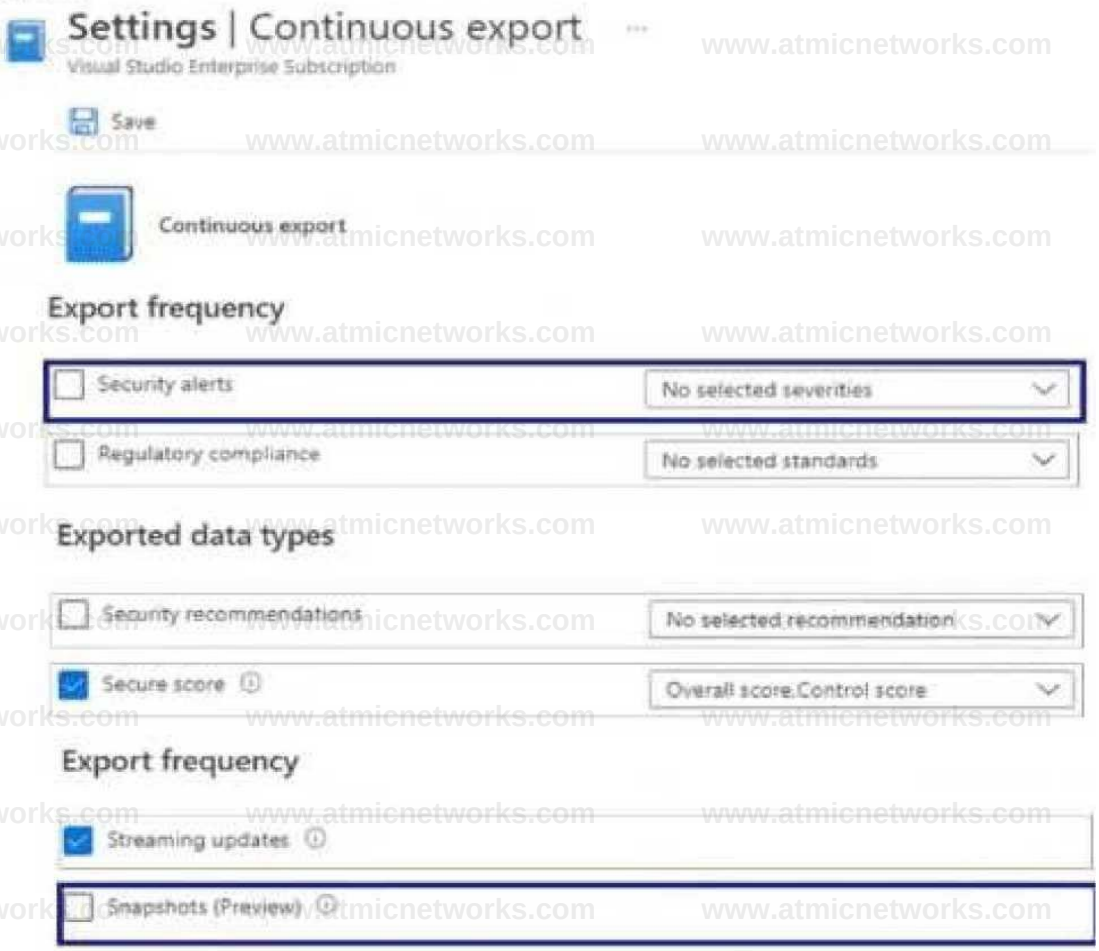
NOTE: Each correct selection is worth one point.



Answer:

Explanation:

Answer Area



Question: 468

You need to implement the planned change for storage2. The solution must meet the technical requirements for storage encryption.

A. Create an encryption scope in storage2.
B. Configure storage2 to use an account encryption key.
C. Assign an Azure role-based access control (Azure RBAC) role to storage2.
D. Enable purge protection for storage2.

Answer: A

Explanation:

Question: 469

You need to implement the function apps to meet the technical requirements. Which apps should you include in the implementation?

A. Fa1 and Fa2 only
B. Fa2 and Fa3 only
C. Fa1 and Fa3 only
D. Fa1, Fa2, and Fa3

Answer: D

Explanation:

Question: 470

HOTSPOT

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

Name	Location	Peered with
VNetl	East US	vNuL
VNet?	West US	VNetl

The virtual networks contain the subnets shown in the following table.

Answer Area

Statements	Yes	No
You can associate RT1 with SubneO.	O	O
You can delete RT1,	0	0
When you attempt to ping VM2 from VM1, traffic is routed to 172.16.10.10.		

Answer:

Explanation:

Answer Area

Statements	Yes	No
You can associate RT1 with Subnet?.	*	
Yau can delete RT1		
When you attempt to ping VM2 from VM1, traffic is routed to 172 1610.10.		

UHM

Question: 471

You have a Microsoft Entra tenant.

You need to prevent nonprivileged Microsoft Entra users from creating service principals in Microsoft Entra ID.

A. From the Properties blade, set Enable Security defaults to Yes.

B. From the Properties blade, set Access management for Azure resources to No.

C. From the User settings blade, set Restrict access to Microsoft Entra ID administration portal to Yes.

D. From the User settings blade, set Users can register applications to No.

Answer: D

Explanation:

Question: 472

You have a Microsoft 365 E5 subscription.

You have an Azure subscription that uses Microsoft Defender for Cloud.
You have an on-premises datacenter that contains the servers shown in the following table.
You enable direct onboarding to Microsoft Defender for Cloud.
Which servers will be onboarded to Defender for Cloud?

A. Server1 only
B. Server2 only
C. Server3 only
D. Server1 and Server3
E. Servei2 and Servet3
F. Server1, Server2, and Server3

Answer: C

Explanation:

Question: 473
HOTSPOT
You have an Azure subscription that contains a Microsoft Defender External Attack Surface Management (Defender EASM) resource named EASM1. EASM1 contains the inventory assets shown in the following table.

Name	TH»	State
VM1	Host	Approved Inventory
VM2	Host	Dependency
I VM3	Host	Monitor Only
I VM4	Host	Candidate

Which assets are scanned daily, and which assets will display in the default dashboard charts? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

Answer Area

Scanned daily VM1, VM2,and VM3 only

VM1 only

VM1 andVM2 only

VM1, VM2, and VM3 only

VM1, VM2, VM3, and VM4

Display in the default dashboard charts: VM1 only

VM1 only

VM1 andVM2 onf

VM1.VM2. andVM3 only

VM1.VM2. VMS. and VM4

Answer:

Explanation:

Answer Area

Scanned daily VM1, VM2, and VM3 only

Display in the default dashboard charts VM1 only

Question: 474

You have an Azure subscription that uses Microsoft Defender for Cloud. The subscription contains an instance of Azure Database for PostgreSQL.

You need to ensure that an email alert is triggered when a suspected brute force attack on the database is detected. The solution must minimize administrative effort.

What should you configure?

A. an Azure Monitor alert rule

B. Microsoft Defender for open-source relational databases

C. the Azure Monitor activity log

D. the PostgreSQL Audit extension (pgAudit)

Answer: B

Explanation:

Question: 475

HOTSPOT

You have an Azure subscription that contains three storage account named storage1, storage2, and storage3, three Log Analytics workspaces named Analytics1, Analytics2, Analytics3, and three Azure event hub named EventHub1, EventHub2, and EventHub3.

For Microsoft Entra ID, you create the diagnostic settings shown in the following table.

Name	tog	Storage account	Log Analytics workspace	Event hub
Setting!	AuditLoqs	storage!	Analytics!	None
Setting?	ServkePiincipalSignInLogs. ManagedIdentitySignInLogs	None	Analytics?	None
Settings	SignInLogs	storage?	None	EventHub!
Setting-l	AuditLogs, PiovmoningLogs	None	Analytrcs3	EventHub?
Settings	NonInteractiveUserSigninLogs	Storages	None	Event Hub3

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
You can create additional Microsoft Entra diagnostic settings.		
You can configure retention for locations where Settmg4 stores logs.	O	O
You can configure Setting? to have AnalyticsI and Analytics? as destinations.	O	O

Answer:

Explanation:

Answer Area

Statements	Yes	No
You can create additional Microsoft Entra diagnostic settings.	't	O
You can configure retention for locations where Settmg4 stores logs.		
You can configure Setting? to have AnalyticsI and Analytics? as destinations.	O	®

Question: 476

HOTSPOT

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

Name	Tier
GW1	Basic
GW?	Standard V2
GW3	WAF V2

You need to configure settings to implement URL rewrite and prevent SQL injection attacks.

Which application gateways support each requirement? To answer, select the appropriate options in the answer area

NOTE: Each correct selection is worth one point.

Answer Area

Implement URL rewrite: GW2 and GW3 only
- GW2 only
- GW3 only
- GW1 and GW2 only
- GW2 and GW3 only
- GW1, GW2, and GW3

Prevent SQL injection attacks: GW3 only
- GW2 only
- GW3 only
- GW1 and GW2 only
- GW2 and GW3 only
- GW1, GW2, and GW3

Answer:

Explanation:

Answer Area

Implement URL rewrite GW2 and GW3 only

Prevent SQL injection attacks | GW3 only

Question: 477

HOTSPOT

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

Name	Type	Resource provider
I VM1	Virtual machine	Microsoft Compute
storagel	Storage account	Microsoft,Storage
| WebApp!	Azure App Service web app	Microsoft,Web

You plan to use service endpoints and service endpoint policies.

Which resources can be accessed by using a service endpoint, and which resources support service endpoint policies? To answer, select the appropriate options in the answer area.

NOTE; Each correct selection is worth one point.

Answer Area

Can be accessed by using a service endpoint storagel and WebApp! only
- storagel and WebApp! only
- VM! and stoiagel only
- VM1 and WebAppl only
- VM1, storagel, and WebAppl only

Support service endpoint policies: storage1 only
- storage1 only
- VM! only
- WebAppl only
- VM1 and storage! only
- Storage! and WebAppl only

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Answer

Explanation:

Answer Area

Can be accessed by using a service endpoint [stoiage! and WebAppl only

Support service endpoint policies storagel only

Question: 478

You have an Azure subscription that contains an Azure API Management instance named ContosoAPI1.

You need to configure SSL 3.0 support for ContosoAPI1.

What should you do first in the Azure portal?

A. From Certificates, add a certificate.

B. From Protocols + ciphers, select a backend protocol.

C. From APIs, add an API tag.

D. From Pricing tier, change the pricing tier.

Answer: B

Explanation:

Question: 479

HOTSPOT

You have an Azure subscription that is linked to a Microsoft Entra tenant. The tenant contains the groups shown in the following table.

Name	Member of
Groupl	*None*
Group?	Groupl

The tenant contains the users shown in the following table.

Name	Member of J
Userl	Groupl
User?	Group?

The subscription contains the Azure SQL servers shown in the following table.

Name	Assigned server admin	Database
sqlsvr 1	Userl	DB1
sqlsvr2	Groupl	DB2

The servers are configured for Microsoft Entra-only authentication.For each of the following statements, select

Yes if the statement is true. Otherwise, select No. NOTE: Each correct selection is worth one point.

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Answer Area

Statements	Yes	No
User! can altei the schema of DB1.		
UserI can alter the schema of DB2		
User? can alter the schema of DB2		

Answer

Explanation:

Answer Area

Statements	Yes	No
User! can alter the schema of DB1.		
UserI can alter the schema of DB?	$	
User? can alter the schema of DB?		

Question: 480

HOTSPOT

You have a hybrid Microsoft Entra tenant named contoso.com that contains a user named Uset1 and the servers shown in the following table.

Name	Operating system	Configuration
Server 1	Windows Server 2016	Domain-joined
Server2	Windows Serve: 2022	Domain-joined

The tenant is linked to an Azure subscription that contains a storage account named storage1. The storage1 account contains a file share named shares1.

User1 is assigned the Storage File Data SMB Share Contributor role for storages1.

The Security protocol settings for the file shares of storage1 are configured as shown in the following exhibit.

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Security

Protocol settings

Azure Fifes exposes settings that let you toggle the SMB protocol to be more compatible or more secure depending on your organization s requirements. Restricting these settings may prevent some cherts from being able to connect team more

Profile

Custom

SMB protocol versions

- [ ] SMB 2.1
- [ ] SMB 3.0
- [x] SMB 3.1.1

SMB channel encryption

- [ ] None
- [ ] AES-128-CCM
- [ ] AES-128-GCM
- [ ] AES-256-GCM

Authentication mechanisms

- [ ] NTLM v2
- [x] Kerberos

Kerberos ticket encryption

- [x] RC4-HMAC
- [x] AES-256

For more information on support for protocol settings in SMB twenty see 5MB on W'ndows and SMB on unm

O

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
Useri can map sharel to Serveri by using the access key of stoiagel.		
User! can map sharel to Server 1 by using the user's credentials.		
Useri can map sharel to SetverZ by using the access key of stoiagel		

Answer:

Explanation:

Answer Area Statements	Yes	No
Used can map sliarel to Serveriby usingthe access key of storage!.	O	®
Used can map shatel to Servedby usingthe user's credentials.	®	

Question: 481

You have an Azure subscription that contains an Azure SQL database named SQL1. SQL1 contains the columns shown in the following table.

Name	Contains
Column!	Comments from a confidential investigation
Column?	Government ID numbers
Columns	Images
Column4	Videos

You configure SQL! to use Always Encrypted.

You need to configure deterministic encryption. Which column supports deterministic encryption? A. Column1

B. Column2

C. Column3

D. Column4

Answer: B

Explanation:

Question: 482

HOTSPOT

You have a management group named MG1 that contains an Azure subscription named Sub1.

Sub1 contains the resources shown in the following table.

Name	Description
VM1	A virtual machine that has a public IP address.
VNet1	A virtual network that contains a subnet named Subnet1.
NSG1	A network security group (NSG) that is associated to Subnet1 and has a custom inbound security rule named NSGRule1 with the following settings: • Source: Any • Source port ranges: * • Destination: Any • Destination port ranges:* • Action: Allow • Priority: 500

You create an Azure Virtual Network Manager instance named AVNM1 that has the following configurations:

- Management scope: MG1
- Network groups:
  - o Name: Group1
    - ■ Group members: VNetl
- Security admin configuration:
  - o Name: SAT
  - o Rule collections:
    - ■ Name: SACollectionl

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- Target network groups: Groupl
- Security admin rules:
- Name: SARule1
- Priority: 500
- Action: Deny
- Direction: Inbound
- Source type: Any
- Source port *

- A1 is deployed to all Azure regions.

You create a Virtual Network Manager instance named AVNM2 that has the following configurations:

- Management scope: Sub1
- Network groups:
  - o Name: Group2
    - Group members: VNetl
- Security admin configuration:
  - o Name: SA2
  - o Rule collections:
    - Name: SACollection2
    - Target network groups: Group2
    - Security admin rules:
    - Name: SARule2
    - Priority: 500
    - Action: Always allow
    - Direction: Inbound
    - Source type: Any
    - Source port: *

- A2 is deployed to all Azure regions.

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
If you change Priority for NSGRulel to 100 NSG1 will be processed before SA1 and SA2		
Internet traffic is blocked to the public IP address of VM1		
If you change Action for SARulei to Allow internet traffic to the public IP address of VM1 will be enabled automatically		

Answer:

Explanation:

Answer Area

Statements	Yes	No
If you change Priority for NSGRule! to 100 NSG1 will be processed before SA1 and SA2		
Internet traffic is blocked to the public IP address of VMt	O	
If you change Action for SARulet to Allow internet traffic to the public IP address of VM1 will be enabled automatically		

Question: 483

HOTSPOT

You have an Azure subscription.

You have the following custom role-based access control (RBAC) role definition. {

```
"properties": {
    "roleNaiae": "custoaRole",
    "assignablescopes": [
        ”/subscrlptlons/<subid>"
    la
    "permissions": {

        "actions": [

        b
        "notActions": [
                "Microsoft.Authorization/*/Delete“,
                "Microsoft.Authorization/’/write",
            "Microsoft.Authorization/elevateAccess/Art ion",
            "Microsoft .Sql/servers/aclninistrators/write",
            “Micro soft, sql/servers/adimnistrators/delete"
        L
        "dataActions": [], "notDataActlons": []
```

1

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
The custom role giants a user permission to delete Azure SQL Database resources.		
The custom role giants a user permission to manage the Microsoft Entta admin settings for an Azure SQL Database server		
The custom role grants a user permission to reset the administrator password for instances of Azure Database foi MariaDB		

Answer:

Explanation:

Answer Area

Statements	Yes	No
The custom role giants a user permission to delete Azure SQL Database resources.	O	#

The custom role grants a user permission to manage the Microsoft Entia admin settings for an Azure SQL Database server O $

The custom role grants a user permission to reset the administrator password for instances of Azuie Database for MariaDB O ®

Question: 484

HOTSPOT

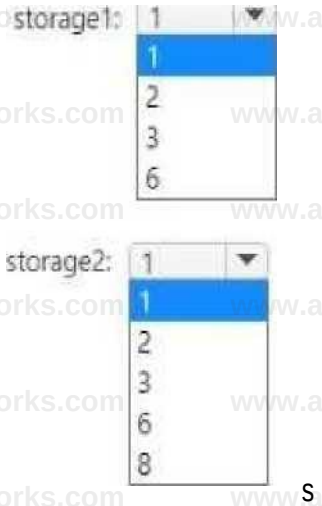
You have an Azure subscription that contains the storage accounts shown in the following table.

Name	Performance	Premium account type	Redundancy	Sub-resource
storage 1	Standard	*Not applicable*	Locally-redundant storage (LRS)	Two Azure Files shares
storage2	Premium	Page blobs	Local ly-redundant storage (LRS)	Three containers

You need to create private endpoints for the target sub-resources of the storage accounts. The solution must ensure that all the target sub-resources can be accessed by using a private endpoint. What is the minimum number of private endpoints you should create for each storage account? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area



s

Answer:

Explanation:

Answer Area

storagel 1

storage^ 1

Question: 485

You have an Azure subscription that contains a virtual machine named VM1.

You are creating a data collection rule (DCR) named DCR1 that will collect events from VM1.

You need to ensure that only events that have an ID of 4798 are collected.

What should you use in DCR1?

A. a PowerShell script
B. aT-SQLquery
C. an XPath query
D. a KQL query

Answer: C

Explanation:

Question: 486

Note: This section contains one or more sets of questions with the same scenario and problem. Each question presents a unique solution to the problem. You must determine whether the solution meets the stated goals. More than one solution in the set might solve the problem. It is also possible that none of the solutions in the set solve the problem.

After you answer a question in this section, you will NOT be able to return. As a result, these questions do not appear on the Review Screen.

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

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Name	Type
Groupl	Security group
Group2	Microsoft 365 group
Appl	App registration
Mil	User-assigned managed identity

You have The users shown in the following table.

Name	Description
Userl	• Member of Groupl and Group2 • Assigned Owner role for Appl and Mil
User2	• Member of Groupl and Group2 • Assigned Owner role for Appl and MI1

You create an Azure SQL managed instance named SQL1 and enable Microsoft Entra-only authentication. You need to ensure that both User1 and User2 are set as the Microsoft Entra admin for SQL1.

Solution: You set MM as the Microsoft Entra admin for SQL1.

Does this meet the goal?

A. Yes

B. No

Answer: B

Explanation:

Question: 487

Note: This section contains one or more sets of questions with the same scenario and problem. Each question presents a unique solution to the problem. You must determine whether the solution meets the stated goals. More than one solution in the set might solve the problem. It is also possible that none of the solutions in the set solve the problem.

After you answer a question in this section, you will NOT be able to return. As a result, these questions do not appear on the Review Screen.

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

Name	Type
Groupl	Security group
Group2	Microsoft 365 group
Appl	App registration
Mil	User-assigned managed identity

You have The users shown in the following table.

Name	Description
Userl	• Member of Groupl and Group2 • Assigned Owner role for Appl and Mil
User2	• Member of Groupl and Group2 • Assigned Owner role for Appl and MI1

You create an Azure SQL managed instance named SQL1 and enable Microsoft Entra-only authentication. You need to ensure that both User1 and User2 are set as the Microsoft Entra admin for SQL1.

Solution: You set App1 as the Microsoft Entra admin for SQL1.

Does this meet the goal?

A. Yes

B. No

Answer: B

Explanation:

Question: 488

Note: This section contains one or more sets of questions with the same scenario and problem. Each question presents a unique solution to the problem. You must determine whether the solution meets the stated goals. More than one solution in the set might solve the problem. It is also possible that none of the solutions in the set solve the problem.

After you answer a question in this section, you will NOT be able to return. As a result, these questions do not appear on the Review Screen.

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

Name	Type
Groupl	Security group
Group2	Microsoft 365 group
Appl	App registration
Mil	User-assigned managed identity

You have The users shown in the following table.

Name	Description
Userl	• Member of Groupl and Group2 • Assigned Owner role for Appl and Mil
User2	• Member of Groupl and Group2 • Assigned Owner role for Appl and MI1

You create an Azure SQL managed instance named SQL1 and enable Microsoft Entra-only authentication. You need to ensure that both User1 and User2 are set as the Microsoft Entra admin for SQL1.

Solution: You set Group1 as the Microsoft Entra admin for SQL1.

Does this meet the goal?

A. Yes

B. No

Answer: A

Explanation:

Question: 489

DRAG DROP

You have an Azure subscription that contains a resource group named RG1 and an Azure policy named Policy1.

You need to assign Policy1 to RG1.

How should you complete the script? To answer, drag the appropriate values to the correct targets. Each value 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.

Answer:

Explanation:

Question: 490

You have an Azure subscription that contains an Azure key vault.
You create a storage account named storagel.
You plan to store data in the following storagel services:

- Azure Files
- Azure Blob storage
- Azure Table storage
- Azure Queue storage

For which two services can you configure data encryption by using the keys stored in the key vault?
Each correct answer presents a complete solution.
NOTE Each correct selection is worth one point.

A. Azure Files
B. Table storage
C. Queue storage
D. Blob storage

Answer: A, D

Explanation:

Question: 491

You have an Azure subscription that contains a route table named RT1. RT1 includes a route that has the following configurations:

- Name: RouteA
- IP address prefix: 192.168.0.0/24
- Next hop IP address: 172.16.10.10

You are evaluating whether to add the routes shown in the following table.

Name	IP address prefix	Next hop IP address
Route 1	192 168.0 0/16	172.16.1020
Route2	■ '-V 0 ■'.-:	172.16.1030
RouteS	192.168.0.0/28	172.16.1040

Which routes can you add to RT1?

A. Route1 only
B. Route2 only
C. Route3 only
D. Route1 and Route2 only
E. Route1 and Route3 only
F. Route2 and Route3 only

Answer: E

Explanation:

Question: 492

You have an Azure 480zsubscription that contains the resources shown in the following table.
You have the users shown in the following table.

Name	Description
User1	• Member of Group1 and Group2 • Assigned Owner role for App1 and MI1
User2	• Member of Group1 and Group2 • Assigned Owner role for App1 and MI1

Name	Type
Group1	Security group
Group2	Microsoft 365 group
App1	App registration
MI1	User-assigned managed identity

You create an Azure SQL managed instance named SQL! and enable Microsoft Entra-only authentication. You need to ensure that both User! and User2 are set as the Microsoft Entra admin for SQL1.
Solution: You set Group2 as the Microsoft Entra admin for SQL1.
Does this meet the goal?

A. Yes
B. No

Answer: B

Explanation: