

Microsoft

Exam Questions az-500

Microsoft Azure Security Technologies



NEW QUESTION 1

- (Exam Topic 4)

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')]",
  "location": "[resourceGroup().location]",
  "dependsOn": [
    "[concat('Microsoft.Compute/virtualMachines/', parameters('vmName'))]"
  ],
  "properties": {
    "publisher": "Microsoft.EnterpriseCloud.Monitoring",
    "type": "MicrosoftMonitoringAgent",
    "typeHandlerVersion": "1.0",
    "autoUpgradeMinorVersion": true,
    "settings": {
      

|                        |                          |
|------------------------|--------------------------|
|                        | ▼ : "[variable('var1')]" |
| "AzureADApplicationID" |                          |
| "WorkspaceID"          |                          |
| "WorkspaceName"        |                          |
| "WorkspaceURL"         |                          |


    },
    "protectedSettings": {
      

|                            |                          |
|----------------------------|--------------------------|
|                            | ▼ : "[variable('var2')]" |
| "AzureADApplicationSecret" |                          |
| "StorageAccountKey"        |                          |
| "WorkspaceID"              |                          |
| "WorkspaceKey"             |                          |


    }
  }
}

```

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

References:

<https://blogs.technet.microsoft.com/manageabilityguys/2015/11/19/enabling-the-microsoft-monitoring-agent-in>

NEW QUESTION 2

- (Exam Topic 4)

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

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

You have a hybrid configuration of Azure Active Directory (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>

NEW QUESTION 3

- (Exam Topic 4)

You have an Azure subscription named Subscription1 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 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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

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

NEW QUESTION 4

- (Exam Topic 4)

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
User1	Group1, Group2	Enabled
User2	Group1	Disabled
User3	Group1	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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

References:

<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>

NEW QUESTION 5

- (Exam Topic 4)

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.

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What should you use?

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

Answer: A

NEW QUESTION 6

- (Exam Topic 4)

Lab Task

Task 3

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

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

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

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

Configure Azure AD authentication for SQL Server through Azure portal. You can use the Azure portal to do

this. You need to select your SQL Server resource and enable Azure AD authentication. You also need to select your Azure AD application as the Azure AD admin for your SQL Server.

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

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

NEW QUESTION 7

- (Exam Topic 4)

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

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

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

Answer: B

Explanation:

Reference:

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

NEW QUESTION 8

- (Exam Topic 4)

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Reference:
<https://docs.microsoft.com/en-us/azure/app-service/overview-managed-identity?tabs=dotnet>

NEW QUESTION 9

- (Exam Topic 4)

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>

NEW QUESTION 10

- (Exam Topic 4)

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>

NEW QUESTION 10

- (Exam Topic 4)

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>

NEW QUESTION 11

- (Exam Topic 4)

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 site-to-site VPN that has BGP route propagation enabled. HubVNet contains a subnet named HubVNetSubnet0.
SpokeVNet	East US	SpokeVNet is a virtual network connected to HubVNet by using VNet peering. SpokeVNet contains a subnet named SpokeVNetSubnet0.

The Azure virtual machines on SpokeVNetSubnet0 can communicate with the computers on the on-premises 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.

Subnets

- Azure FirewallSubnet
- GatewaySubnet
- HubVNetSubnet0

Answer Area

RT1:

RT2:

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Subnets

- Azure FirewallSubnet
- GatewaySubnet
- HubVNetSubnet0

Answer Area

RT1: GatewaySubnet

RT2: HubVNetSubnet0

NEW QUESTION 13

- (Exam Topic 4)

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.

References:

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

NEW QUESTION 16

- (Exam Topic 4)

You have an app that uses an Azure SQL database.

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

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

Answer: C

NEW QUESTION 18

- (Exam Topic 4)

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

NEW QUESTION 19

- (Exam Topic 4)

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

The permissions for Role2 are shown in the following JSON code.

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

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

Name	Role
User1	Role1
User2	Role1, Role2
User3	Role1, Role2

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

Answer Area

Statements	Yes	No
User1 can delete VM1.	<input type="radio"/>	<input type="radio"/>
User2 can delete VM1.	<input type="radio"/>	<input type="radio"/>
User3 can sign in to VM1 by using Azure AD credentials.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Statements	Yes	No
User1 can delete VM1.	<input type="radio"/>	<input checked="" type="radio"/>
User2 can delete VM1.	<input checked="" type="radio"/>	<input type="radio"/>
User3 can sign in to VM1 by using Azure AD credentials.	<input checked="" type="radio"/>	<input type="radio"/>

NEW QUESTION 22

- (Exam Topic 4)

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@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 2

You need to add the network interface of a virtual machine named VM1 to an application security group named ASG1.

- A. Mastered
- B. Not Mastered

Answer: A

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.](#)

NEW QUESTION 26

- (Exam Topic 4)

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

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

Which effect requires a managed identity for the assignment?

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

Answer: C

Explanation:

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

References:

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

NEW QUESTION 30

- (Exam Topic 4)

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: app 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>

NEW QUESTION 35

- (Exam Topic 4)

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

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

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

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

You create the resources shown in the following table.

Name	Type
storage1	Azure Storage account
Vault1	Azure Key Vault

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

Answer Area

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

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

NEW QUESTION 39

- (Exam Topic 4)

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

Name	Region	Resource group
Vault1	West Europe	RG1
Vault2	East US	RG1
Vault3	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 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 co-located in the same region." <https://docs.microsoft.com/en-us/azure/virtual-machines/windows/disk-encryption-key-vault>

NEW QUESTION 43

- (Exam Topic 4)

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.

Actions	Answer Area
Grant permissions	
Add a delegated permission.	
Configure Azure AD Application Proxy.	<input type="radio"/>
Add an application permission.	<input type="radio"/>
Create an app registration.	

- A. Mastered
- B. Not Mastered

Answer: A

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

NEW QUESTION 47

- (Exam Topic 4)

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

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

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

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

On which virtual machines is the 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>

NEW QUESTION 52

- (Exam Topic 4)

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
<input type="text" value="Publish an Azure Blueprints version"/>	
<input type="text" value="Assign an Azure blueprint."/>	
<input type="text" value="Create a policy assignment."/>	
<input type="text" value="Create a custom role-based access control (RBAC) role."/>	⏪ ⏩
<input type="text" value="Create a dedicated management subscription."/>	⏪ ⏩
<input type="text" value="Create an Azure Blueprints definition."/>	
<input type="text" value="Create an initiative assignment."/>	

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Reference:

<https://docs.microsoft.com/en-us/azure/governance/blueprints/create-blueprint-portal> <https://docs.microsoft.com/en-us/azure/azure-australia/azure-policy>

NEW QUESTION 56

- (Exam Topic 4)

You have an Azure key vault named Vault1 that stores the resources shown in the following table.

Name	Type
Key1	Key
Secret1	Secret
Cert1	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

NEW QUESTION 60

- (Exam Topic 4)

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>

NEW QUESTION 62

- (Exam Topic 4)

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

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

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

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

Answer: B

Explanation:

Reference:

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

NEW QUESTION 64

- (Exam Topic 4)

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 non-Azure 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>

NEW QUESTION 68

- (Exam Topic 4)

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

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

You have a hybrid configuration of Azure Active Directory (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:

References:

<https://docs.microsoft.com/en-us/azure/hdinsight/domain-joined/apache-domain-joined-configure-using-azure-a>

NEW QUESTION 71

- (Exam Topic 4)

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

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

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

You need to deploy Microsoft Antimalware to the virtual machines. Solution: You 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.

References:

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

NEW QUESTION 73

- (Exam Topic 4)

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.

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

NEW QUESTION 77

- (Exam Topic 4)

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

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

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

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

Allow access from

All networks
 Selected networks

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

Virtual networks

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

[+ Add new virtual network](#)

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

Firewall

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

Address Range

13.80.73.87

Exceptions

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

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

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: Yes

The public IP of VM1 is allowed through the firewall.

Box 2: No

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

Box 3: No

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

Reference:

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

NEW QUESTION 81

- (Exam Topic 4)

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

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

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

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

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

Statements	Yes	No
If User1 signs in from an unfamiliar location, he must change his password.	<input type="radio"/>	<input type="radio"/>
If User2 signs in from an anonymous IP address, she must change her password.	<input type="radio"/>	<input type="radio"/>
If User3 signs in from a computer containing malware that is communicating with known bot servers, he must change his password.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: Yes

User1 is member of Group1. Sign in from unfamiliar location is risk level Medium. Box 2: Yes
 User2 is member of Group1. Sign in from anonymous IP address is risk level Medium. Box 3: No
 Sign-ins from IP addresses with suspicious activity is low. Note:

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

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

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

These six types of events are categorized in to 3 levels of risks – High, Medium & Low: References:
<http://www.rebeladmin.com/2018/09/step-step-guide-configure-risk-based-azure-conditional-access-policies/>

NEW QUESTION 85

- (Exam Topic 4)

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
User1	Azure AD
User2	Azure AD
User3	On-premises Active Directory

The tenant contains the groups shown in the following table.

Name	Members
Group1	User1, 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
User1 will be prompted to configure MFA registration during the user's next Azure AD authentication.	<input type="radio"/>	<input type="radio"/>
User2 must configure MFA during the user's next Azure AD authentication.	<input type="radio"/>	<input type="radio"/>
User3 will be prompted to configure MFA registration during the user's next Azure AD authentication.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Statements	Yes	No
User1 will be prompted to configure MFA registration during the user's next Azure AD authentication.	<input checked="" type="radio"/>	<input type="radio"/>
User2 must configure MFA during the user's next Azure AD authentication.	<input type="radio"/>	<input checked="" type="radio"/>
User3 will be prompted to configure MFA registration during the user's next Azure AD authentication.	<input checked="" type="radio"/>	<input type="radio"/>

NEW QUESTION 87

- (Exam Topic 4)

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
VM3	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>

NEW QUESTION 92

- (Exam Topic 4)

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

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

You enable Microsoft Defender for Storage.

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

Answer Area

Monitored storage5 services:

Protected storage accounts:

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Monitored storage5 services:

Protected storage accounts:

NEW QUESTION 94

- (Exam Topic 4)

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

NEW QUESTION 97

- (Exam Topic 4)

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:

- 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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

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

NEW QUESTION 99

- (Exam Topic 4)

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

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

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

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

The subscription contains the subnets shown in the following table.

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

The subscription contains the routes shown in the following table.

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

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

Answer Area

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

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

NEW QUESTION 104

- (Exam Topic 4)

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

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

Answer: C

Explanation:

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

NEW QUESTION 105

- (Exam Topic 4)

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

Name	Type	Region	Resource group
Sa1	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: B

Explanation:

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

NEW QUESTION 109

- (Exam Topic 4)

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 : (Storage)
SourceApplicationSecurityGroups : []
DestinationApplicationSecurityGroups : []
Access : Deny
Priority : 105
Direction : Outbound

Name : StorageEA2Allow
ProvisioningState : Succeeded
Description :
Protocol : *
SourcePortRange : (*)
DestinationPortRange : (443)
SourceAddressPrefix : (*)
DestinationAddressPrefix : (Storage/EastUS2)
SourceApplicationSecurityGroups : []
DestinationApplicationSecurityGroups : []
Access : Allow
Priority : 104
Direction : Outbound

Name : Contoso_FTP
Description :
Protocol : TCP
SourcePortRange : (*)
DestinationPortRange : (21)
SourceAddressPrefix : (1.2.3.4/32)
DestinationAddressPrefix : (10.0.0.5/32)
SourceApplicationSecurityGroups : []
DestinationApplicationSecurityGroups : []
Access : Allow
Priority : 504
Direction : 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	

- A. Mastered
- B. Not Mastered

Answer: A

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>

NEW QUESTION 110

- (Exam Topic 4)

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.
- * Protect 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.

DDoS Protection types

- DDoS infrastructure protection
- DDoS IP Protection
- DDoS Network Protection

Answer Area

Provide access to DDoS rapid response support during active attacks:

Protect Basic SKU public IP addresses:

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

DDoS Protection types

- DDoS infrastructure protection
- DDoS IP Protection
- DDoS Network Protection

Answer Area

Provide access to DDoS rapid response support during active attacks:

Protect Basic SKU public IP addresses:

NEW QUESTION 111

- (Exam Topic 4)

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution. After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen. You have a hybrid configuration of Azure Active Directory (AzureAD). You have an Azure HDInsight cluster on a virtual network. You plan to allow users to authenticate to the cluster by using their on-premises Active Directory credentials. You need to configure the environment to support the planned authentication.
 Solution: You 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. References:
<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>

NEW QUESTION 115

- (Exam Topic 4)

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

Name	Type	In resource group
8372f433-2dcd-4361-b5ef-5b188fed87d0	Subscription ID	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": "Role1",
    "description": "",
    "assignableScopes": [
      "/subscriptions/8372f433-2dcd-4361-b5ef-5b188fed87d0",
      "/subscriptions/8372f433-2dcd-4361-b5ef-5b188fed87d0/resourceGroups/rg1"
    ],
    "permissions": [
      {
        "actions": [
          "Microsoft.Compute/*"
        ],
        "notActions": [],
        "dataActions": [],
        "notDataActions": []
      }
    ]
  }
}
```

You assign Role1 to User1 for RG1.
 For each of the following statements, select Yes if the statement is true. Otherwise, select No.
 NOTE: Each correct selection is worth one point.

Statements	Yes	No
User1 can create a new virtual machine in RG1.	<input type="radio"/>	<input type="radio"/>
User can modify the properties of storage1.	<input type="radio"/>	<input type="radio"/>
User1 can attach the network interface of VM1 to VNET1.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

NO NO NO

Reference:

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

NEW QUESTION 120

- (Exam Topic 4)

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:

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Azure files share:

Folders in the file share:

NEW QUESTION 122

- (Exam Topic 4)

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

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

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

Answer: B

Explanation:

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

NEW QUESTION 123

- (Exam Topic 4)

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

Name	Type
User1	User
User2	User
User3	User
Group1	Security group
Group2	Security group
App1	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 Edit Remove Update Credentials Columns Got feedback?

i The application will appear on the access panel for assigned users. Set 'visible to users?' to no in properties to prevent this. →

First 100 shown, to search all users & groups, enter a display name.

DISPLAY NAME	OBJECT TYPE	ROLE ASSIGNED
<input type="checkbox"/> GR Group1	Group	Default Access

You enable self-service application access for App1 as shown in the following exhibit.

Allow users to request access to this application? Yes No

To which group should assigned users be added?

Require approval before granting access to this application? Yes No

Who is allowed to approve access to this application?

To which role should users be assigned in this application?

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.

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Reference:
<https://docs.microsoft.com/en-us/azure/active-directory/manage-apps/manage-self-service-access>

NEW QUESTION 126

- (Exam Topic 4)

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 AU1 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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

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

NEW QUESTION 128

- (Exam Topic 4)

You have the Azure resource shown in the following table.

Name	Type	Parent
Management1	Management group	Tenant Root Group
Subscription1	Subscription	Management1
RG1	Resource group	Subscription1
RG2	Resource group	Subscription1
VM1	Virtual machine	RG1
VM2	Virtual 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

NEW QUESTION 129

- (Exam Topic 4)

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

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

You schedule two update deployments named Update1 and Update2. Update1 updates VM3. Update2 updates VM6. Which additional virtual machines can be updated by using Update1 and Update2? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

Update1: 

VM2 only

VM4 only

VM1 and VM2 only

VM1, VM2, VM4, VM5, and VM6

Update2: 

VM5 only

VM1 and VM5 only

VM4 and VM5 only

VM1, VM2, and VM5 only

VM1, VM2, VM3, VM4, and VM5

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Update1: VM1 and VM2 only
 VM3: Windows Server 2016 West US RG2 Update2: VM4 and VM5 only
 VM6: CentOS 7.5 East US RG1
 For Linux, the machine must have access to an update repository. The update repository can be private or public.
 References:
<https://docs.microsoft.com/en-us/azure/automation/automation-update-management>

NEW QUESTION 132

- (Exam Topic 4)

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
User1	Azure AD	Adatum123
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.

Custom smart lockout

Lockout threshold ⓘ ✓

Lockout duration in seconds ⓘ ✓

Custom banned passwords

Enforce custom list ⓘ Yes No

Custom banned password list ⓘ ✓

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
User1 will be prompted to change the password on the next sign-in.	<input type="radio"/>	<input type="radio"/>
User2 can change the password to @d@tum_C0mpleX123.	<input type="radio"/>	<input type="radio"/>
User3 can change the password to Adatum123!.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Text Description automatically generated

Reference:

<https://docs.microsoft.com/en-us/azure/active-directory/authentication/howto-password-ban-bad-on-premises-de> <https://docs.microsoft.com/en-us/azure/active-directory/authentication/concept-password-ban-bad>

NEW QUESTION 133

- (Exam Topic 4)

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
Admin1 can reset the password of User1.	<input type="radio"/>	<input type="radio"/>
Admin2 can reset the password of User3.	<input type="radio"/>	<input type="radio"/>
Admin3 can reset the password of Admin4.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:
Answer Area

Statements	Yes	No
Admin1 can reset the password of User1.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Admin2 can reset the password of User3.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Admin3 can reset the password of Admin4.	<input type="checkbox"/>	<input checked="" type="checkbox"/>

NEW QUESTION 134

- (Exam Topic 4)

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.

Actions	Answer Area
Create a JSON file.	<input type="text"/>
Run the Update-AzureRmManagementGroup cmdlet.	<input type="text"/>
Create an XML file.	<input type="text"/>
Run the New-AzureRmRoleDefinition cmdlet.	
Run the New-AzureRmRoleAssignment cmdlet.	

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

References:

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

NEW QUESTION 136

- (Exam Topic 4)

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: A

NEW QUESTION 138

- (Exam Topic 4)

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

NEW QUESTION 139

- (Exam Topic 4)

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

Name	Pattern	Case sensitivity
Condition1	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	<i>Not applicable</i>	<i>None</i>	None
Policy1	User1	Label1	None
Policy2	User1	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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

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.

References:

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

NEW QUESTION 142

- (Exam Topic 4)

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.

Actions

- Discover privileged roles.
- Sign up PIM for Azure AD roles.
- Consent to PIM.
- Discover resources.
- Verify your identity by using multi-factor authentication (MFA).

Answer Area

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

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

NEW QUESTION 143

- (Exam Topic 4)

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

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

Each user is assigned an Azure AD Premium P2 license.

You plan to onboard and configure Azure AD Identity Protection.

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

NOTE: Each correct selection is worth one point

Answer Area

Users who can onboard Azure AD Identity Protection:

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

Users who can remediate users and configure policies:

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Users who can onboard Azure AD Identity Protection:

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

Users who can remediate users and configure policies:

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

NEW QUESTION 147

- (Exam Topic 4)

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
Container1	Blob container
Share1	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 Share1 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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Tools for Container1:

- Robocopy.exe
- Azure Storage Explorer
- File Explorer

Tools for Share1:

- Robocopy.exe
- Azure Storage Explorer
- File Explorer

NEW QUESTION 151

- (Exam Topic 4)

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

NEW QUESTION 153

- (Exam Topic 4)

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

Name	Type
LB1	Azure Standard Load Balancer
VM1	Virtual machine
SQL1	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

NEW QUESTION 158

- (Exam Topic 4)

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

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

You have an Azure Cosmos DB account named cosmos1 configured as shown in the following exhibit.

Allow access from
 All networks Selected networks

Configure network security for your Azure Cosmos DB account. Learn more

Statements	Yes	No
VM1 can access cosmos1 over the internet.	<input type="radio"/>	<input type="radio"/>
VM2 can access cosmos1 over the internet.	<input type="radio"/>	<input type="radio"/>
VM3 can access cosmos1 over the internet.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Yes, Yes, No

NEW QUESTION 159

- (Exam Topic 4)

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 weylanindustries.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>

NEW QUESTION 160

- (Exam Topic 4)

You plan to use Azure Resource Manager templates to perform multiple deployments of identically configured Azure virtual machines. The password for the

administrator account of each deployment is stored as a secret in different Azure key vaults. You need to identify a method to dynamically construct a resource ID that will designate the key vault containing the appropriate secret during each deployment. The name of the key vault and the name of the secret will be provided as inline parameters. What should you use to construct the resource ID?

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

Answer: C

Explanation:

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

NEW QUESTION 163

- (Exam Topic 4)

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-DAILY-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.

VM1: ▼

- The operating system version
- The tier
- The type

VM2: ▼

- The operating system version
- The tier
- The type

- A. Mastered
- B. Not Mastered

Answer: A

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

References:

<https://docs.microsoft.com/en-us/azure/virtual-machines/windows/generation-2#generation-1-vs-generation-2-ca>

NEW QUESTION 166

- (Exam Topic 4)

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

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

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

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

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

- A. Yes
- B. No

Answer: B

NEW QUESTION 171

- (Exam Topic 4)

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

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

- A. Azure Security Center

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

Answer: B

Explanation:

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

NEW QUESTION 175

- (Exam Topic 4)

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
User1	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:

Tool:

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Table Description automatically generated

Reference:

<https://docs.microsoft.com/en-us/azure/cost-management-billing/manage/billing-subscription-transfer>

NEW QUESTION 177

- (Exam Topic 4)

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
User1	Group1, Group2	Disabled
User2	Group2	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
Policy1	Group1	Group2	Locations: Boston	Block access
Policy2	Group1	None	Locations: Any location	Grant access, Require multi-factor authentication
Policy3	Group2	Group1	Locations: Boston	Block access
Policy4	User2	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
User1 can access App1 from an IP address of 154.12.18.10.	<input type="radio"/>	<input type="radio"/>
User2 can access App1 from an IP address of 193.77.10.15.	<input type="radio"/>	<input type="radio"/>
User2 can access App1 from an IP address of 154.12.18.34.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Statements	Yes	No
User1 can access App1 from an IP address of 154.12.18.10.	<input type="radio"/>	<input checked="" type="radio"/>
User2 can access App1 from an IP address of 193.77.10.15.	<input checked="" type="radio"/>	<input type="radio"/>
User2 can access App1 from an IP address of 154.12.18.34.	<input type="radio"/>	<input checked="" type="radio"/>

NEW QUESTION 182

- (Exam Topic 4)

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

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

Answer: C

Explanation:

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

NEW QUESTION 186

- (Exam Topic 4)

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:

- /
- /Group1
- /subscriptions/11111111-1234-1234-1234-1111111111

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Text, application Description automatically generated

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>

NEW QUESTION 189

- (Exam Topic 4)

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 App1.

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.



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 192

- (Exam Topic 4)

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>

NEW QUESTION 196

- (Exam Topic 4)

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:

References:

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

NEW QUESTION 201

- (Exam Topic 4)

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.DynamicsTelemetry	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 Microsoft.PowerPlatform	Microsoft Project Babylon Microsoft.ProjectBabylon	Microsoft Purview Microsoft.Purview	Microsoft Resource Graph Powerful tool to query, explore, and analyze your cloud resources at scale.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

* 1. Microsoft Portal 2. Microsoft Network

<https://learn.microsoft.com/en-us/azure/azure-resource-manager/management/azure-services-resource-providers>

NEW QUESTION 205

- (Exam Topic 4)

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@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 8

You need to prevent HTTP connections to the rg1lod28681041n1 Azure Storage account.

- A. Mastered
- B. Not Mastered

Answer: A

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.

NEW QUESTION 209

- (Exam Topic 4)

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.

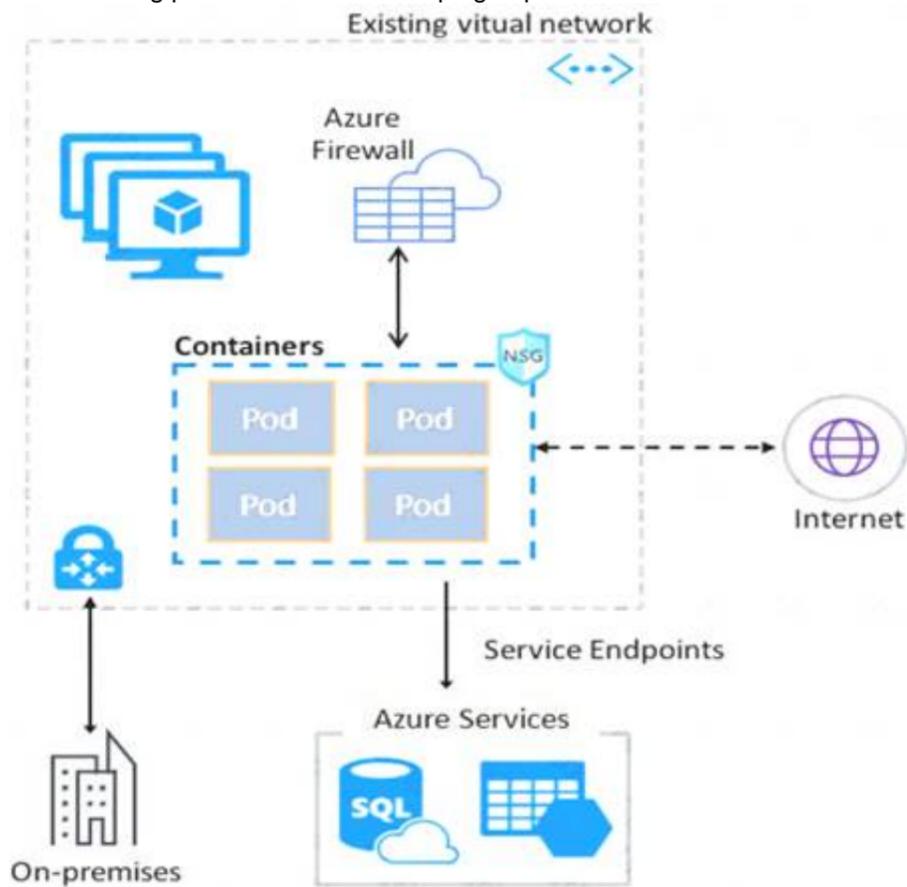
- A. Create an application security group and a network security group (NSG).
- B. Edit the docker-compose.yml file.
- C. Install the container network interface (CNI) plug-in.

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:



References:

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

NEW QUESTION 212

- (Exam Topic 4)

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/subscriptions",  
    },  
    "then": {  
      "effect": "auditIfNotExists",  
      "details": {  
        "type": "Microsoft.Authorization/locks",  
        "existenceCondition": {  
          "field": "Microsoft.Authorization/locks/level",  
          "equals": "CanNotDelete"  
        }  
      }  
    }  
  }  
}
```

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:
Answer Area

```
...  
  "policyRule": {  
    "if": {  
      "field": "type",  
      "equals": "Microsoft.Resources/subscriptions",  
    },  
    "then": {  
      "effect": "auditIfNotExists",  
      "details": {  
        "type": "Microsoft.Authorization/locks",  
        "existenceCondition": {  
          "field": "Microsoft.Authorization/locks/level",  
          "equals": "CanNotDelete"  
        }  
      }  
    }  
  }  
}
```

- (Exam Topic 4)

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

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

Edit blueprint

NAME	ARTIFACT TYPE	PARAMETERS
Add artifacts to the blueprint. Add resource groups to organize where the artifacts should be deployed and assigned.		
Subscription		
+ Add artifact..		
RG2	Resource group	2 out of 2 parameters populated
User1 (User1@sk200628outlook.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.

User1 can add tags to RG2.

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Graphical user interface, text, application Description automatically generated

Reference:

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

NEW QUESTION 217

- (Exam Topic 4)

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 them in the correct order.

Actions

- Run the Set-AzVMDiskEncryptionExtension cmdlet.
- Set the Key Vault access policy to **Enable access to Azure Virtual Machines for deployment.**
- Set the Key Vault access policy to **Enable access to Azure Disk Encryption for volume encryption.**
- Generate a key vault certificate.
- Create an Azure key vault.
- Configure storage1 to use a customer-managed key.

Answer Area

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Graphical user interface, text, application Description automatically generated

Reference:

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

NEW QUESTION 219

- (Exam Topic 4)

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

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

Each virtual machine has a single network interface.

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

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

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

Answer: D

Explanation:

Reference:

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

NEW QUESTION 222

- (Exam Topic 4)

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.

NEW QUESTION 223

- (Exam Topic 4)

You have an Azure subscription named Subscription1 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 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. NOTE: Each correct selection is worth one point.

Answer Area

Subscription1: An Azure Log Analytics agent on a Linux virtual machine
 A Data Factory pipeline
 An Event Hubs namespace
 An Azure Service Bus queue

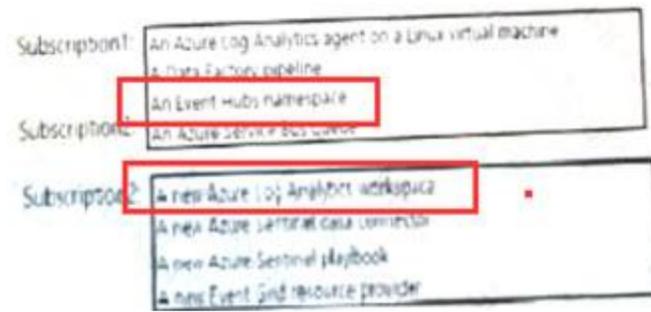
Subscription2: A new Azure Log Analytics workspace
 A new Azure Sentinel data connector
 A new Azure Sentinel playbook
 A new Event Grid resource provider

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area



NEW QUESTION 224

- (Exam Topic 4)

You have a Azure subscription that contains an Azure Container Registry named Registry1. The subscription uses the Standard use tier of Azure Security Center. You upload several container images to Registry1. You discover that vulnerability security scans were not performed. You need to ensure that the images are scanned for vulnerabilities when they are uploaded to Registry1. What should you do?

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

Answer: A

Explanation:

Reference:

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

NEW QUESTION 226

- (Exam Topic 4)

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

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

VNet1 contains the subnets shown in the following table.

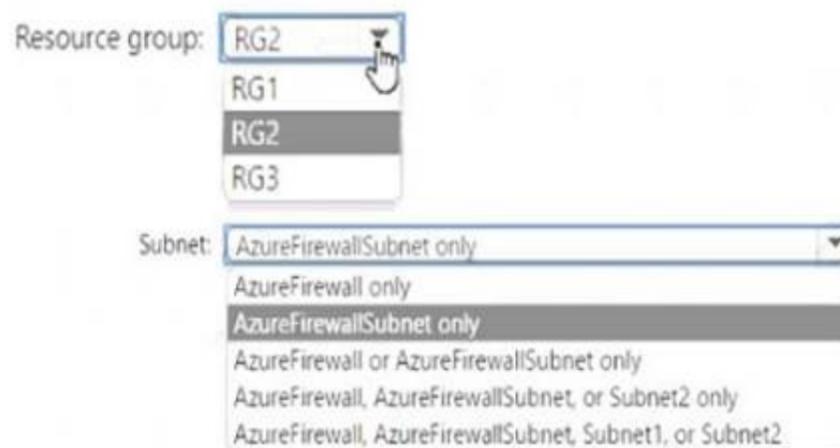
Name	Description
AzureFirewall	Contains no resources
AzureFirewallSubnet	Contains no resources
Subnet1	Contains a virtual machine
Subnet2	Contains no resources

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

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

NOTE: Each correct selection is worth one point.

Answer Area



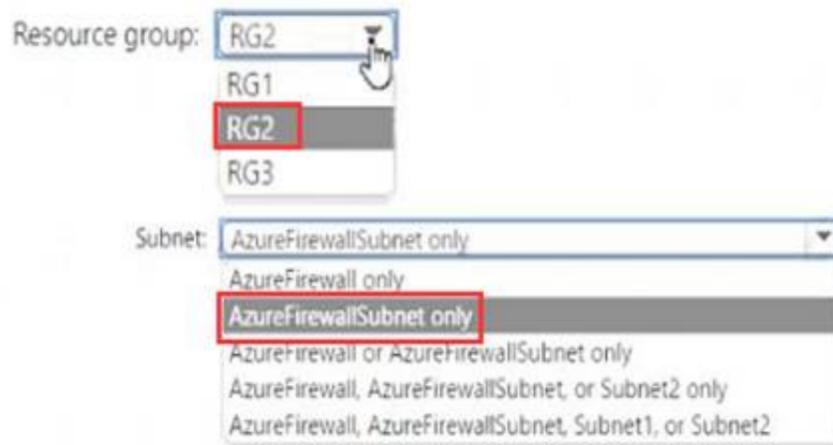
A. Mastered

B. Not Mastered

Answer: A

Explanation:

Answer Area



NEW QUESTION 229

- (Exam Topic 4)

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 administrative effort.

What should you do 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

NEW QUESTION 231

- (Exam Topic 4)

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

Name	Resource group
VM1	RG1
VM2	RG2
VM3	RG1
VM4	RG2

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

What should you configure?

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

Answer: D

Explanation:

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

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

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

Reference:

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

NEW QUESTION 232

- (Exam Topic 4)

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

Name	Type
Item1	Key
Item2	Secret
Policy1	Access policy

In KeyVault, the following events occur in sequence:

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

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

NOTE: Each correct selection is worth one point.

Statements	Yes	No
You can recover Policy1.	<input type="radio"/>	<input type="radio"/>
You can add a new key named Item1.	<input type="radio"/>	<input type="radio"/>
You can add a new secret named Item2.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

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

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

NEW QUESTION 236

- (Exam Topic 4)

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

Name	Type
Item1	Key
Item2	Secret
Policy1	Access policy

In 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.

Statements	Yes	No
You can recover Policy1.	<input type="radio"/>	<input type="radio"/>
You can add a new key named Item1.	<input type="radio"/>	<input type="radio"/>
You can add a new secret named Item2.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Statements	Yes	No
You can recover Policy1.	<input type="radio"/>	<input checked="" type="radio"/>
You can add a new key named Item1.	<input type="radio"/>	<input checked="" type="radio"/>
You can add a new secret named Item2.	<input checked="" type="radio"/>	<input type="radio"/>

NEW QUESTION 237

- (Exam Topic 4)

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.

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	

- A. Mastered
- B. Not Mastered

Answer: A

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	

NEW QUESTION 242

- (Exam Topic 4)

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

Name	Type
VM1	Virtual machine
VNET1	Virtual network
storage1	Storage account
Vault1	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>

NEW QUESTION 244

- (Exam Topic 4)

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Reference:
<https://docs.microsoft.com/en-us/azure/security-center/security-center-provide-security-contact-details>

NEW QUESTION 247

- (Exam Topic 4)

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 roles 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 authentication.
- 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

NEW QUESTION 248

- (Exam Topic 4)

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>

NEW QUESTION 251

- (Exam Topic 4)

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>

NEW QUESTION 254

- (Exam Topic 4)

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

Name	Region	Resource group
Vault1	West Europe	RG1
Vault2	East US	RG1
Vault3	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 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: 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>

NEW QUESTION 256

- (Exam Topic 4)

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:

Group type:

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

<https://learn.microsoft.com/en-us/azure/active-directory/roles/groups-create-eligible>

NEW QUESTION 257

- (Exam Topic 4)

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

NEW QUESTION 261

- (Exam Topic 4)

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>

NEW QUESTION 266

- (Exam Topic 4)

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.

- A. Mastered
- B. Not Mastered

Answer: A

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.

NEW QUESTION 271

- (Exam Topic 4)

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

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

You create the virtual machines shown in the following table.

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

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

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

Answer: D

Explanation:

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

NEW QUESTION 276

- (Exam Topic 4)

You have an Azure subscription that contains 100 virtual machines. Azure Diagnostics is enabled on all the virtual machines. You are planning the monitoring of Azure services in the subscription. You need to retrieve the following details:

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

What should you use in Azure Monitor? To answer, drag the appropriate configuration settings to the correct details. Each configuration setting may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Settings	Answer Area
<div style="border: 1px solid #ccc; padding: 2px; margin-bottom: 5px; width: fit-content;">Activity log</div> <div style="border: 1px solid #ccc; padding: 2px; margin-bottom: 5px; width: fit-content;">Logs</div> <div style="border: 1px solid #ccc; padding: 2px; margin-bottom: 5px; width: fit-content;">Metrics</div> <div style="border: 1px solid #ccc; padding: 2px; margin-bottom: 5px; width: fit-content;">Service Health</div>	<p>Identify the user who deleted a virtual machine three weeks ago: <input style="width: 100px;" type="text"/></p> <p>Query the security events of a virtual machine that runs Windows Server 2016: <input style="width: 100px;" type="text"/></p>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box1: Activity log
 Azure activity logs provide insight into the operations that were performed on resources in your subscription. Activity logs were previously known as "audit logs" or "operational logs," because they report control-plane events for your subscriptions. Activity logs help you determine the "what, who, and when" for write operations (that is, PUT, POST, or DELETE).
 Box 2: Logs
 Log Integration collects Azure diagnostics from your Windows virtual machines, Azure activity logs, Azure Security Center alerts, and Azure resource provider logs. This integration provides a unified dashboard for all your assets, whether they're on-premises or in the cloud, so that you can aggregate, correlate, analyze, and alert for security events.
 References:

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

NEW QUESTION 277

- (Exam Topic 4)

Your company recently created an Azure subscription.

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

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

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

Answer: A

Explanation:

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

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

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

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

Reference:

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

NEW QUESTION 281

- (Exam Topic 4)

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

Name	Location	Azure subscription name
KV1	West US	Subscription1
KV2	West US	Subscription1
KV3	East US	Subscription1
KV4	West US	Subscription2
KV5	East US	Subscription2

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 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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

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>

NEW QUESTION 286

- (Exam Topic 4)

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

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

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

Answer: D

Explanation:

Just as a blueprint allows an engineer or an architect to sketch a project's design parameters, Azure Blueprints enables cloud architects and central information technology groups to define a repeatable set of Azure resources that implements and adheres to an organization's standards, patterns, and requirements. Blueprints are a declarative way to orchestrate the deployment of various resource templates and other artifacts such as:

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

Reference:

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

NEW QUESTION 291

- (Exam Topic 4)

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

Name	Type
DB1	Azure Cosmos DB account
VM1	Virtual machine
VM2	Virtual machine
VNET1	Virtual network
NSG1	Network security group (NSG)

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

NEW QUESTION 293

- (Exam Topic 4)

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

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

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

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

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

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

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

Answer Area

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

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

NEW QUESTION 298

- (Exam Topic 4)

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

NEW QUESTION 302

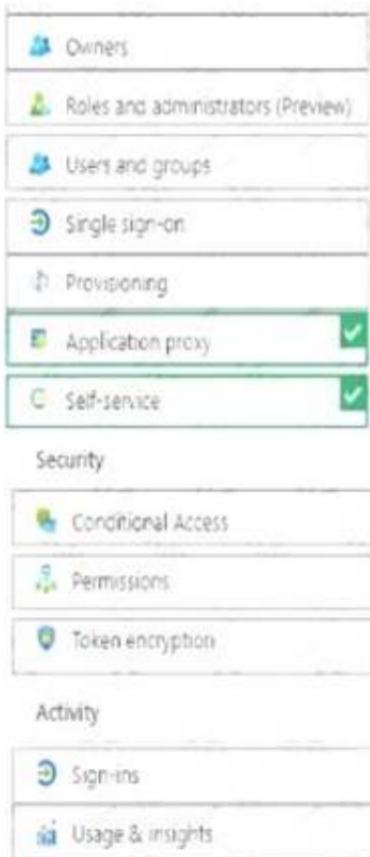
- (Exam Topic 4)

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

You create an app-specific role named Role1.

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

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



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Graphical user interface, application Description automatically generated

NEW QUESTION 306

- (Exam Topic 4)

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Graphical user interface, text, application Description automatically generated

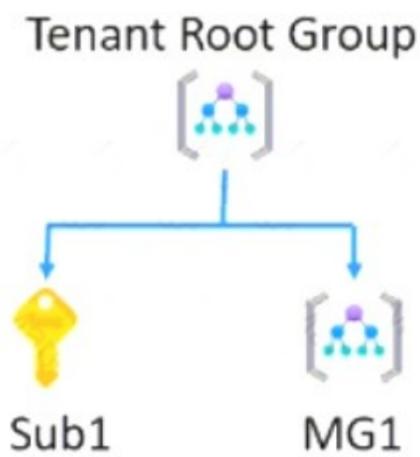
Reference:

<https://docs.microsoft.com/en-us/azure/app-service/tutorial-connect-msi-sql-database?tabs=windowsclient%2Cd>

NEW QUESTION 311

- (Exam Topic 4)

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

NEW QUESTION 312

- (Exam Topic 4)

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

- A. Mastered
- B. Not Mastered

Answer: A

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.

References:

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

NEW QUESTION 316

- (Exam Topic 3)

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-life>

NEW QUESTION 320

- (Exam Topic 3)

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:

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

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

NEW QUESTION 322

- (Exam Topic 3)

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

- The Azure portal
- Azure AD Connect
- The Active Directory admin center
- Active Directory Sites and Services
- Active Directory Users and Computers

Answer Area

OU2:	Tool
User1:	Tool

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Table Description automatically generated

NEW QUESTION 324

- (Exam Topic 2)

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.	<input type="radio"/>	<input type="radio"/>
From the Internet, you can connect to the web server on VM2 by using HTTP.	<input type="radio"/>	<input type="radio"/>
From the Internet, you can connect to the web server on VM3 by using HTTP.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Statements	Yes	No
From the Internet, you can connect to the web server on VM1 by using HTTP.	<input checked="" type="radio"/>	<input type="radio"/>
From the Internet, you can connect to the web server on VM2 by using HTTP.	<input type="radio"/>	<input checked="" type="radio"/>
From the Internet, you can connect to the web server on VM3 by using HTTP.	<input checked="" type="radio"/>	<input type="radio"/>

NEW QUESTION 328

- (Exam Topic 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.

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

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	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

References:

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

NEW QUESTION 329

- (Exam Topic 2)

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. References:

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

NEW QUESTION 330

- (Exam Topic 1)

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. References:

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

NEW QUESTION 331

- (Exam Topic 1)

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

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

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

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

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

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

Step 2: Create a client application

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

Step 3: Deploy an AKS cluster.

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

Step 4: Create an RBAC binding.

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

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

NEW QUESTION 332

- (Exam Topic 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 Assign
- E. Create two groups that have dynamic membership
- F. Add the new groups to Group1.

Answer: D

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
Group1	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.

References:

<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-porta>

NEW QUESTION 333

- (Exam Topic 1)

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

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

Answer: D

Explanation:

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

NEW QUESTION 337

- (Exam Topic 1)

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: BE

Explanation:

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

NEW QUESTION 340

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