Microsoft

Exam Questions AZ-103

Microsoft Azure Administrator

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NEW QUESTION 1
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution. After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have an Azure subscription that contains 10 virtual networks. The virtual networks are hosted in separate resource groups.

Another administrator plans to create several network security groups (NSGs) in the subscription. You need to ensure that when an NSG is created, it automatically blocks TCP port 8080 between the virtual networks.

Solution: You create a resource lock, and then you assign the lock to the subscription. Does this meet the goal?

A. Yes
B. No

Answer: B

Explanation: How can I freeze or lock my production/critical Azure resources from accidental deletion? There is way to do this with both ASM and ARM resources using Azure resource lock.


NEW QUESTION 2
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.

Your company registers a domain name of contoso.com.

You create an Azure DNS zone named contoso.com, and then you add an A record to the zone for a host named www that has an IP address of 131.107.1.10.

You discover that Internet hosts are unable to resolve www.contoso.com to the 131.107.1.10 IP address.

You need to resolve the name resolution issue.

Solution: You create a PTR record for www in the contoso.com zone. Does this meet the goal?

A. Yes
B. No

Answer: B

Explanation: Modify the Name Server (NS) record.


NEW QUESTION 3
Click to expand each objective. To connect to the Azure portal, type https://portal.azure.com in the browser address bar.
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Overview
The following section of the exam is a lab. In this section, you will perform a set of tasks in a live environment. While most functionality will be available to you as it would be in a live environment, some functionality (e.g., copy and paste, ability to navigate to external websites) will not be possible by design. Scoring is based on the outcome of performing the tasks stated in the lab. In other words, it doesn’t matter how you accomplish the task, if you successfully perform it, you will earn credit for that task.

Labs are not timed separately, and this exam may have more than one lab that you must complete. You can use as much time as you would like to complete each lab. But, you should manage your time appropriately to ensure that you are able to complete the lab(s) and all other sections of the exam in the time provided.

Please note that once you submit your work by clicking the Next button within a lab, you will NOT be able to return to the lab.

To start the lab:
You may start the lab by clicking the Next button.

Another administrator attempts to establish connectivity between two virtual networks named VNET1 and VNET2.

The administrator reports that connections across the virtual networks fail.

You need to ensure that network connections can be established successfully between VNET1 and VNET2 as quickly as possible.

What should you do from the Azure portal?

A. Mastered
B. Not Mastered
Answer: A

Explanation:
You can connect one VNet to another VNet using either a Virtual network peering, or an Azure VPN Gateway.

To create a virtual network gateway:

Step 1: In the portal, on the left side, click +Create a resource and type 'virtual network gateway' in search. Locate Virtual network gateway in the search return and click the entry. On the Virtual network gateway page, click Create at the bottom of the page to open the Create virtual network gateway page.

Step 2: On the Create virtual network gateway page, fill in the values for your virtual network gateway.

Name: Name your gateway. This is not the same as naming a gateway subnet. It's the name of the gateway object you are creating.

Gateway type: Select VPN. VPN gateways use the virtual network gateway type VPN.

Virtual network: Choose the virtual network to which you want to add this gateway. Click Virtual network to open the 'Choose a virtual network' page. Select the VNet. If you don't see your VNet, make sure the Location field is pointing to the region in which your virtual network is located.

Gateway subnet address range: You will only see this setting if you did not previously create a gateway subnet for your virtual network. If you previously created a valid gateway subnet, this setting will not appear.

Step 4: Select Create New to create a Gateway subnet.
Step 5: Click Create to begin creating the VPN gateway. The settings are validated and you'll see the
"Deploying Virtual network gateway" tile on the dashboard. Creating a gateway can take up to 45 minutes. You may need to refresh your portal page to see the completed status.

NEW QUESTION 4
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### Create storage account

- **Validation passed**

#### Basics
- **Subscription:** Microsoft AZ-100 S
- **Resource group:** corpdatalod7523690
- **Location:** East US
- **Storage account name:** corpdata7523690n1
- **Deployment model:** Resource manager
- **Account kind:** StorageV2 (general purpose v2)
- **Replication:** Read-access geo-redundant storage (RA-GRS)
- **Performance:** Standard
- **Access tier (default):** Hot

#### Advanced
- **Secure transfer required:** Enabled
- **Hierarchical namespace:** Disabled

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Create storage account

**Basics**
- Subscription: Microsoft AZ-100 5
- Resource group: corpdatalod7523690
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**Advanced**
- Secure transfer required: Enabled
- Hierarchical namespace: Disabled
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When you are finished performing all the tasks, click the 'Next' button.
Note that you cannot return to the lab once you click the 'Next' button. Scoring occur in the background while you complete the rest of the exam.

Overview
The following section of the exam is a lab. In this section, you will perform a set of tasks in a live environment. While most functionality will be available to you as it would be in a live environment, some functionality (e.g., copy and paste, ability to navigate to external websites) will not be possible by design. Scoring is based on the outcome of performing the tasks stated in the lab. In other words, it doesn't matter how you accomplish the task, if you successfully perform it, you will earn credit for that task.

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Please note that once you submit your work by clicking the Next button within a lab, you will NOT be able to return to the lab.

To start the lab:
You may start the lab by clicking the Next button.

You plan to create several virtual machines in different availability zones, and then to configure the virtual machines for load balanced connections from the Internet.

You need to create an IP address resource named ip1006 to support the planned load balancing solution. The solution must minimize costs.

What should you do from the Azure portal?

A. Mastered
B. Not Mastered

Answer: A

Explanation:
We should create a public IP address.
1. At the top, left corner of the portal, select + Create a resource.
2. Enter public ip address in the Search the Marketplace box. When Public IP address appears in the search results, select it.
3. Under Public IP address, select Create.
4. Enter, or select values for the following settings, under Create public IP address, then select Create:
   Name: ip1006 SKU: Basic SKU IP Version: IPv6
   IP address assignment: Dynamic Subscription: Select appropriate Resource group: Select appropriate

NEW QUESTION 5
You plan to back up an Azure virtual machine named VM1.
You discover that the Backup Pre-Check status displays a status of Warning. What is a possible cause of the Warning status?

A. VM1 does not have the latest version of WaAppAgent.exe installed.
B. VM1 has an unmanaged disk.
C. VM1 is stopped.

A. VM1 does not have the latest version of WaAppAgent.exe installed.
D. A Recovery Services vault is unavailable.

Answer: A

Explanation:
The Warning state indicates one or more issues in VM’s configuration that might lead to backup failures and provides recommended steps to ensure successful backups. Not having the latest VM Agent installed, for example, can cause backups to fail intermittently and falls in this class of issues. References: https://azure.microsoft.com/en-us/blog/azure-vm-backup-pre-checks/

NEW QUESTION 6
HOTSPOT
You have an Azure Active Directory (Azure AD) tenant.
You need to create a conditional access policy that requires all users to use multi-factor authentication when they access the Azure portal.
Which three settings should you configure? To answer, select the appropriate settings in the answer area.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: Assignments, Users and Groups
When you configure the sign-in risk policy, you need to set:
The users and groups the policy applies to: Select Individuals and Groups

Box 2:
When you configure the sign-in risk policy, you need to set the type of access you want to be enforced.

Box 3:
When you configure the sign-in risk policy, you need to set:
The type of access you want to be enforced when your sign-in risk level has been met:

References:

NEW QUESTION 7
HOTSPOT
You have an Azure subscription that contains several virtual machines and an Azure Log Analytics workspace named Workspace1. You create a log search query as shown in the following exhibit.

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

**NOTE:** Each correct selection is worth one point.

**Answer Area**

If you run the query on Monday, the query will return the events from the last [answer choice]:

- 1 day
- 7 days
- 8 days
- 14 days
- 21 days

The query results will be displayed in a [answer choice]:

- Table that has two columns: table that has three columns
- Graph that has the Computer values on the Y axis
- Graph that has the avg(CounterValue) values on the Y axis

**Answer: A**

**Explanation:**

Box 1: 14 days
Two weeks will be covered.

Note: Startofweek returns the start of the week containing the date, shifted by an offset, if provided. Start of the week is considered to be a Sunday. Endofweek returns the end of the week containing the date, shifted by an offset, if provided. Last day of the week is considered to be a Saturday.

Box 2:
The render operator renders results in as graphical output. Timechart is a Line graph, where the first column is x-axis, and should be datetime. Other columns are y-axes. In this case the Y axis has avg(CounterValue) Values.

References:
- https://docs-analytics-eus.azurewebsites.net/queryLanguage/query_language_renderoperator.html

**NEW QUESTION 8**

**HOTSPOT**

You have an Azure subscription named Subscription1 that is associated to an Azure Active Directory (Azure AD) tenant named AAD1. Subscription1 contains the objects in the following table:

<table>
<thead>
<tr>
<th>Name</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Share1</td>
<td>Azure file share</td>
</tr>
<tr>
<td>Account1</td>
<td>Azure Storage account</td>
</tr>
<tr>
<td>RG1</td>
<td>Resource group</td>
</tr>
<tr>
<td>Vault1</td>
<td>Recovery Services vault</td>
</tr>
</tbody>
</table>

You plan to create a single backup policy for Vault1. To answer, select the appropriate options in the answer area.

**NOTE:** Each correct selection is worth one point.
A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: RG1 only  Box 2: 99 years
With the latest update to Azure Backup, customers can retain their data for up to 99 years in Azure. Note: A backup policy defines a matrix of when the data snapshots are taken, and how long those snapshots are retained. The backup policy interface looks like this:


NEW QUESTION 9
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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 manage a virtual network named VNet1 that is hosted in the West US Azure region. VNet1 hosts two virtual machines named VM1 and VM2 that run Windows Server.
You need to inspect all the network traffic from VM1 to VM2 for a period of three hours. Solution: From Azure Monitor, you create a metric on Network In and Network Out. Does this meet the goal?
A. Yes
B. No

Answer: B

Explanation:
You should use Azure Network Watcher. References:

NEW QUESTION 10
You have a Microsoft SQL Server Always On availability group on Azure virtual machines. You need to configure an Azure internal load balancer as a listener for the availability group. What should you do?
A. Enable Floating IP.
B. Set Session persistence to Client IP and protocol.
C. Set Session persistence to Client IP.

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D. Create an HTTP health probe on port 1433.

Answer: A

Explanation:
Incorrect Answers:
D: The Health probe is created with the TCP protocol, not with the HTTP protocol. References:

NEW QUESTION 11
DRAG DROP
You create an Azure Migrate project named TestMig in a resource group named test-migration. You need to discover which on-premises virtual machines to assess for migration. Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Answer: A

Explanation:
Step 1: Download the OVA file for the collection appliance
Azure Migrate uses an on-premises VM called the collector appliance, to discover information about your on-premises machines. To create the appliance, you download a setup file in Open Virtualization Appliance (.ova) format, and import it as a VM on your on-premises vCenter Server.

Step 2: Create a migration group in the project
For the purposes of assessment, you gather the discovered VMs into groups. For example, you might group VMs that run the same application. For more precise grouping, you can use dependency visualization to view dependencies of a specific machine, or for all machines in a group and refine the group.

Step 3: Create an assessment in the project
After a group is defined, you create an assessment for it. References:
https://docs.microsoft.com/en-us/azure/migrate/migrate-overview

NEW QUESTION 12
You have an Azure virtual network named VNet1 that contains a subnet named Subnet1. Subnet1 contains three Azure virtual machines. Each virtual machine has a public IP address.
The virtual machines host several applications that are accessible over port 443 to user on the Internet.
You discover that the virtual machines can be accessed by using the Remote Desktop Protocol (RDP) from the Internet and from the on-premises network.
You need to prevent RDP access to the virtual machines from the Internet, unless the RDP connection is established from the on-premises network. The solution must ensure that all the applications can still be accesses by the Internet users.
What should you do?

A. Modify the address space of the local network gateway.
B. Remove the public IP addresses from the virtual machines.
C. Modify the address space of Subnet1.
D. Create a deny rule in a network security group (NSG) that is linked to Subnet1.

Answer: D

Explanation:
You can filter network traffic to and from Azure resources in an Azure virtual network with a network security group. A network security group contains security rules that allow or deny inbound network traffic to, or outbound network traffic from, several types of Azure resources.
References:

NEW QUESTION 13
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You have an Azure web app named App1. App1 runs in an Azure App Service plan named Plan1. Plan1 is associated to the Free pricing tier.
You discover that App1 stops each day after running continuously for 60 minutes. You need to ensure that App1 can run continuously for the entire day.
Solution: You add a continuous WebJob to App1. Does this meet the goal?

A. Yes
B. No

Answer: B

NEW QUESTION 14
HOTSPOT
You are creating an Azure load balancer.
You need to add an IPv6 load balancing rule to the load balancer.
How should you complete the Azure PowerShell script? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

```
New-AzureRmLoadBalancer $LoadBalancer
  -ResourceGroupName AdatumRG
  -Name 'AdatumIPv6LB' -Location 'East US'
  -FrontendIpConfig $Fficfg
  -BackendAddressPool $backpoolipv6
  -Probe $Probe -Protocol Tcp -FrontendPort 80 -BackendPort 8080
```

A. Mastered
B. Not Mastered

Answer: A

Explanation:
References:

NEW QUESTION 15
You are the global administrator for an Azure Active Directory (Azure AD) tenant named adatum.com. From the Azure Active Directory blade, you assign the Conditional Access Administrator role to a user. You need to ensure that Admin1 has just-in-time access as a conditional access administrator. What should you do next?

A. Enable Azure AD Multi-Factor Authentication (MFA).
B. Set Admin1 as Eligible for the Privileged Role Administrator role.
C. Admin1 as Eligible for the Conditional Access Administrator role.
D. Enable Azure AD Identity Protection.

Answer: A

Explanation:
Require MFA for admins is a baseline policy that requires MFA for the following directory roles:
? Global administrator
? SharePoint administrator
? Exchange administrator
? Conditional access administrator
? Security administrator References:
https://docs.microsoft.com/en-us/azure/active-directory/conditional-access/baseline-protection

NEW QUESTION 16
HOTSPOT
You have an Azure subscription named Subscription1 that contains a virtual network named VNet1. You add the users in the following table.

<table>
<thead>
<tr>
<th>User</th>
<th>Role</th>
</tr>
</thead>
<tbody>
<tr>
<td>User1</td>
<td>Owner</td>
</tr>
<tr>
<td>User2</td>
<td>Security Admin</td>
</tr>
<tr>
<td>User3</td>
<td>Network Contributor</td>
</tr>
</tbody>
</table>

Which user can perform each configuration? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.
A. Mastered
B. Not Mastered

**Answer:** A

**Explanation:**
Box 1: User1 and User3 only.
The Owner Role lets you manage everything, including access to resources.
The Network Contributor role lets you manage networks, but not access to them. Box 2: User1 and User2 only
The Security Admin role: In Security Center only: Can view security policies, view security states, edit security policies, view alerts and recommendations, dismiss alerts and recommendations.

References:
https://docs.microsoft.com/en-us/azure/role-based-access-control/built-in-roles

**NEW QUESTION 17**
You have an Azure Active Directory (Azure AD) tenant.
You have an existing Azure AD conditional access policy named Policy1. Policy1 enforces the use of Azure AD-joined devices when members of the Global Administrators group authenticate to Azure AD from untrusted locations.
You need to ensure that members of the Global Administrators group will also be forced to use multi-factor authentication when authenticating from untrusted locations.
What should you do?

A. From the multi-factor authentication page, modify the service settings.
B. From the multi-factor authentication page, modify the user settings.
C. From the Azure portal, modify grant control of Policy1.
D. From the Azure portal, modify session control of Policy1.

**Answer:** C

**Explanation:**
There are two types of controls:
? Grant controls – To gate access
? Session controls – To restrict access to a session
Grant controls oversee whether a user can complete authentication and reach the resource that they're attempting to sign-in to. If you have multiple controls selected, you can configure whether all of them are required when your policy is processed. The current implementation of Azure Active Directory enables you to set the following grant control requirements:
NEW QUESTION 18
You have an Azure Active Directory (Azure AD) tenant that has Azure AD Privileged Identity Management configured. You have 10 users who are assigned the Security Administrator role for the tenant. You need the users to verify whether they still require the Security Administrator role. What should you do?

A. From Azure AD Identity Protection, configure a user risk policy.
B. From Azure AD Privileged Identity Management, create an access review.
C. From Azure AD Identity Protection, configure the Weekly Digest.
D. From Azure AD Privileged Identity Management, create a conditional access policy.

Answer: B

Explanation:
References:

NEW QUESTION 19
DRAG DROP
You need to prepare the New York office infrastructure for the migration of the on-premises virtual machines to Azure. Which four actions 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.

A. Mastered
NEW QUESTION 20

Your company recently hired a user named janet-7509087@ExamUsers.com. You need to ensure that janet-7509087@ExamUsers.com can connect to load balancer named Web-LAB. The solution must ensure that janet-7509087@ExamUsers.com can modify the backend pools.

What should you do from the Azure portal?

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Step 1:

In the navigation list, choose Load Balancer.

Step 2:

Locate the load balancer named Web-ALB, and click the Access icon. Step3:

In the Users blade, click Roles. In the Roles blade, click Add to add permissions for the user Janet-7509087@ExamUsers.com.

Step 4:

Add permission to modify backend pools References:
https://docs.microsoft.com/en-us/azure/azure-stack/azure-stack-manage-permissions

NEW QUESTION 21

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